

6. Capital Priorities – New School Construction

There are 25 new school construction projects in the Three-Year School Capital Plan 2014-2017.

Table 1: New School Construction				
Three-Year School Capital Plan 2014-2017 Priorities				
Priority Ranking – Project Description				
YEAR 1				
Community/School		Grade	Project Type	2013 Cost (\$)
C-1	Christine Meikle School	Gr. 7-12	New School	24,000,000
C-2	Panorama Hills Elementary ⁽²⁾	K-4	New School	14,000,000
C-3	Tuscany Elementary ⁽²⁾	K-4	New School	14,000,000
C-4	New Brighton/Copperfield Middle	Gr. 5-9	New School	24,000,000
C-5	Auburn Bay Elementary	K-4	New School	14,000,000
C-6	McKenzie Towne Middle	Gr. 5-9	New School	24,000,000
C-7	Evergreen Middle	Gr. 5-9	New School	24,000,000
C-8	Cranston Middle	Gr. 5-9	New School	24,000,000
C-9	Springbank Hill Elementary	K-4	New School	14,000,000
C-10	West Springs/Cougar Ridge Middle	Gr. 5-9	New School	24,000,000
C-11	Southeast Calgary High	Gr. 10-12	New School	50,000,000
YEAR 1 TOTAL				250,000,000

Table 1: New School Construction				
Three-Year School Capital Plan 2014-2017 Priorities				
Priority Ranking – Project Description				
YEAR 2				
Community/School		Grade	Project Type	2013 Cost (\$)
C-12	Saddle Ridge Elementary ⁽²⁾	K-4	New School	14,000,000
C-13	Cougar Ridge Elementary	K-4	New School	14,000,000
C-14	Martindale Elementary ⁽²⁾	K-4	New School	14,000,000
C-15	Harvest Hills/Country Hills Elementary/Middle	K-9	New School	24,000,000
C-16	Silverado Elementary	K-4	New School	14,000,000
C-17	Aspen Woods Elementary	K-4	New School	14,000,000
C-18	Stampede Youth Campus	Gr. 10-12	New School	22,000,000
YEAR 2 TOTAL				116,000,000
YEAR 3				
Community/School		Grade	Project Type	2013 Cost (\$)
C-19	Evanston Middle	Gr.5-9	New School	24,000,000
C-20	Springbank Hill/Discovery Ridge Middle	Gr.5-9	New School	24,000,000
C-21	Signal Hill Middle	Gr.5-9	New School	24,000,000
C-22	North Calgary High	Gr. 10-12	New School	50,000,000
C-23	Kincora Elementary	K-4	New School	14,000,000
C-24	Skyview Ranch Elementary	K-4	New School	14,000,000
C-25	Evergreen ⁽²⁾ Elementary	K-4	New School	14,000,000
YEAR 3 TOTAL				164,000,000
GRAND TOTAL				530,000,000

Number of Years Listed in Capital Plan
4
2
4
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Number of Years Listed in Capital Plan
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Note: ⁽²⁾ = second elementary school for the community

7. Capital Priorities – Major Modernization Projects

There are 24 major modernization projects in the Three-Year School Capital Plan 2014-2017.

Table 2: School Major Modernizations				
Three-Year School Capital Plan 2014-2017 Priorities				
Priority Ranking – Project Description				
YEAR 1				
Community/School		Grade	Project Type	2013 Cost (\$)
M-1	Aboriginal Family Community School (H.W. Riley)	Pre K-9	Major Modernization	16,000,000
M-2	Jack James - CTS Program	Gr. 10-12	Major Modernization	13,000,000
M-3	Bowness High - CTS Program	Gr. 10-12	Major Modernization	20,000,000
M-4	Kingsland Centre - Chinook Learning Services	Gr. 10-12	Major Modernization	9,000,000
M-5	James Fowler - CTS Program & Chinook Learning Services	Gr. 10-12	Major Modernization	15,000,000
M-6	Lord Beaverbrook - CTS Program	Gr. 10-12	Major Modernization	25,000,000
M-7	Forest Lawn - CTS Program	Gr. 10-12	Major Modernization	15,000,000
M-8	John Diefenbaker - CTS Program	Gr. 10-12	Major Modernization	15,000,000
M-9	Nickle School	Gr. 5-9	Major Modernization	12,000,000
M-10	Altadore School	K-6	Major Modernization	9,000,000
M-11	Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000
M-12	A.E. Cross School	Gr. 7-9	Major Modernization	16,000,000
M-13	Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000
M-14	Woodman School	Gr. 5-9	Major Modernization	14,000,000
YEAR 1 TOTAL				203,000,000
YEAR 2				
Community/School		Grade	Project Type	2013 Cost (\$)
M-15	Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000
M-16	Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000
M-17	Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000
M-18	Robert Warren School	Gr. 5-9	Major Modernization	5,000,000
M-19	Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000
YEAR 2 TOTAL				60,000,000
YEAR 3				
Community/School		Grade	Project Type	2013 Cost (\$)
M-20	Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000
M-21	Fairview School	Gr. 5-9	Major Modernization	14,000,000
M-22	Colonel Irvine School	Gr. 7-9	Major Modernization	12,000,000
M-23	Sherwood School	Gr. 5-9	Major Modernization	15,000,000
M-24	Louis Riel School	K-9	Major Modernization	15,000,000
YEAR 3 TOTAL				67,000,000
GRAND TOTAL				330,000,000

Number of Years Listed in Capital Plan
9
4
11
5
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4
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9
5

8. Capital Priorities – New Construction & Major Modernizations

There are 49 new construction and major modernization projects in the Three-Year School Capital Plan 2014-2017.

Table 3: New School Construction and Major Modernizations					Number of Years Listed in Capital Plan
Year 1: 2014-2015 School Capital Plan Priorities					
Priority Ranking – Project Description					
Community/School		Grade	Project Type	2013 Cost (\$)	
1	Christine Meikle School	Gr. 7-12	New School	24,000,000	4
2	Aboriginal Family Community School (H.W. Riley)	Pre K-9	Major Modernization	16,000,000	9
3	Jack James - CTS Program	Gr. 10-12	Major Modernization	13,000,000	4
4	Bowness High - CTS Program	Gr. 10-12	Major Modernization	20,000,000	11
5	Kingsland Centre - Chinook Learning Services	Gr. 10-12	Major Modernization	9,000,000	5
6	James Fowler - CTS Program & Chinook Learning Services	Gr. 10-12	Major Modernization	15,000,000	4
7	Panorama Hills Elementary ⁽²⁾	K-4	New School	14,000,000	2
8	Tuscany Elementary ⁽²⁾	K-4	New School	14,000,000	4
9	New Brighton/Copperfield Middle	Gr. 5-9	New School	24,000,000	4
10	Auburn Bay Elementary	K-4	New School	14,000,000	2
11	McKenzie Towne Middle	Gr. 5-9	New School	24,000,000	10
12	Evergreen Middle	Gr. 5-9	New School	24,000,000	8
13	Cranston Middle	Gr. 5-9	New School	24,000,000	0
14	Lord Beaverbrook - CTS Program	Gr. 10-12	Major Modernization	25,000,000	4
15	Forest Lawn - CTS Program	Gr. 10-12	Major Modernization	15,000,000	4
16	John Diefenbaker - CTS Program	Gr. 10-12	Major Modernization	15,000,000	4
17	Springbank Hill Elementary	K-4	New School	14,000,000	5
18	West Springs/Cougar Ridge Middle	Gr. 5-9	New School	24,000,000	7
19	Southeast Calgary High School	Gr. 10-12	New School	50,000,000	0
20	Nickle School	Gr. 5-9	Major Modernization	12,000,000	5
21	Altadore School	Gr. K-6	Major Modernization	9,000,000	5
22	Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000	5
23	A.E. Cross School	Gr. 7-9	Major Modernization	16,000,000	4
24	Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000	5
25	Woodman School	Gr. 5-9	Major Modernization	14,000,000	4
Year 1 Total				453,000,000	

Table 3: New School Construction and Major Modernizations				
Year 2 : 2015-2016 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2013 Cost (\$)	
26 Saddle Ridge Elementary ⁽²⁾	K-4	New School	14,000,000	
27 Cougar Ridge Elementary	K-4	New School	14,000,000	
28 Martindale (2) Elementary	K-4	New School	14,000,000	
29 Dr. J.K. Mulloy School	Gr. K-6	Major Modernization	10,000,000	
30 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	
31 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	
32 Harvest Hills/Country Hills Elementary/Middle	K-9	New School	24,000,000	
33 Silverado Elementary	K-4	New School	14,000,000	
34 Robert Warren School	Gr. 5-9	Major Modernization	5,000,000	
35 Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000	
36 Aspen Woods Elementary	K-4	New School	14,000,000	
37 Stampede Youth Campus	Gr. 10-12	New School	22,000,000	
Year 2 Total			176,000,000	
Year 3: 2016-2017 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2013 Cost (\$)	
38 Evanston Middle	Gr. 5-9	New School	24,000,000	
39 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	24,000,000	
40 Signal Hill Middle	Gr. 5-9	New School	24,000,000	
41 North Calgary High	Gr. 10-12	New School	50,000,000	
42 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	
43 Fairview School	Gr. 5-9	Major Modernization	14,000,000	
44 Colonel Irvine School	Gr. 7-9	Major Modernization	12,000,000	
45 Sherwood School	Gr. 5-9	Major Modernization	15,000,000	
46 Louis Riel School	K-9	Major Modernization	15,000,000	
47 Kincora Elementary	K-4	New School	14,000,000	
48 Skyview Ranch Elementary	K-4	New School	14,000,000	
49 Evergreen ⁽²⁾ Elementary	K-4	New School	14,000,000	
Year 3 Total			231,000,000	
GRAND TOTAL			860,000,000	

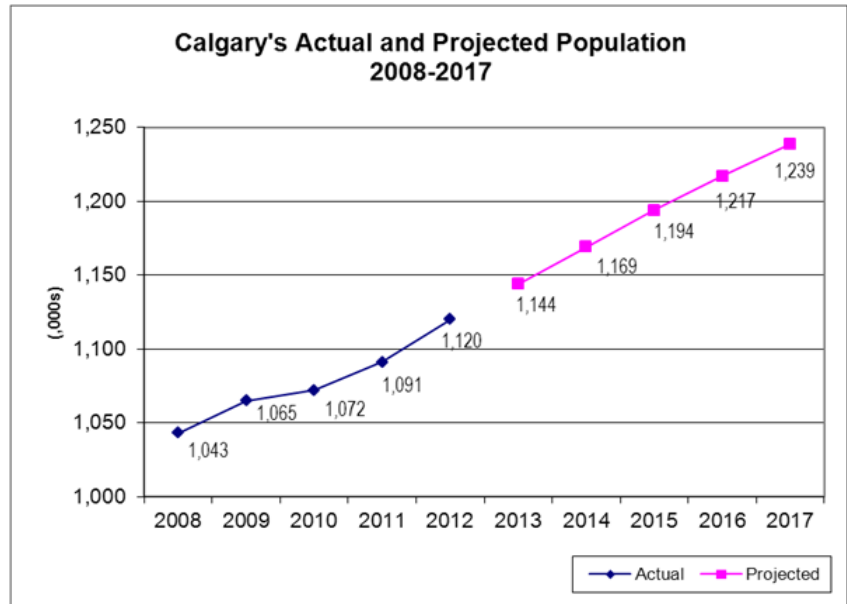
Number of Years Listed in Capital Plan
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EXECUTIVE SUMMARY

This Three-Year School Capital Plan 2014-2017 is an analysis of the CBE's forecasted school capital needs, as assessed at the present time.

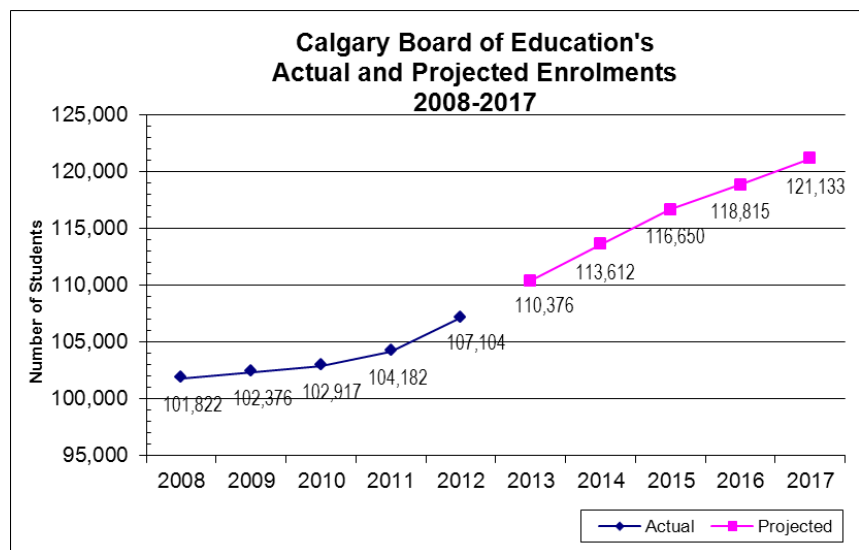
1. Calgary Population

Calgary has experienced tremendous growth over the past decade. One indicator of the magnitude of growth is the increase in Calgary's population by 100,283 persons in the last five years, an average of 20,057 persons per year. The City of Calgary (the City) has forecast that the total population of Calgary will reach 1,238,800 in 2017, an increase of 118,575 persons from 2012. The five-year forecast to 2017 represents an average annual increase of 23,715 persons during this period.



2. Student Enrolment

The CBE's current student enrolment of 107,104 is forecast to increase to 121,133 students in 2017. The largest increase over the five-year timeframe will be Grades 1-3 students and Grades 4-6 students. The Grades 10-12 enrolment is projected to decline slightly over 2013 to 2016 and then increase slightly in 2017.

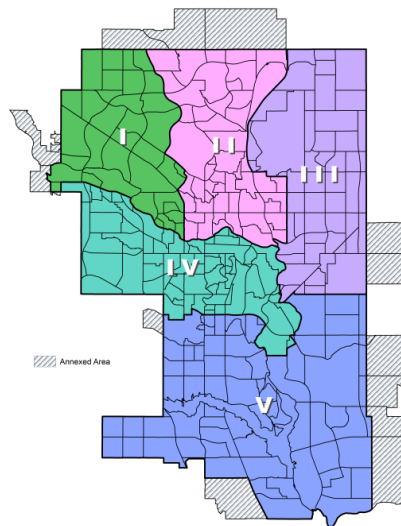


Note: Enrolment includes Home Education, Outreach/Unique Settings, Chinook Learning and CBeLearn.

3. Calgary Growth and Development

Extrapolating from City forecasts, the following population increases for suburban locations are identified for the CBE's administrative Area:

City Growth Trends by CBE Area 2012-2016	
Area	Population Forecast
Area I	7,500-8,300
Area II	13,200-14,800
Area III	8,200-9,100
Area IV	8,900-9,800
Area V	41,200-45,600



4. Three-Year Education Plan

Alberta Education requires school boards to maintain three-year plans, updated annually. School boards are responsible for carrying out their education plans; for reporting annually to parents, communities, and government on results and use of their resources; and, for using results information to update plans and improve education for students. The Board of Trustees approved the combined Annual Education Results Report 2011-2012 and the Three-Year Education Plan 2012-2015 on December 4, 2012.

5. Schools Under Construction and Approvals

The Province is constructing one senior high school as part of the Alberta Schools Alternative Procurement Phase II. Robert Thirsk High School has been turned over to the Calgary Board of Education for fit-up and is to open for the 2013-2014 school year. Nose Creek, Captain Nichola Goddard, Ted Harrison, and Twelve Mile Coulee, opened at 900 student capacity each for the 2012 – 2013 school year as part of the Alberta Schools Alternative Procurement Phase II.

The following schools have been recently approved by the Province: Copperfield Elementary; Evanston Elementary; New Brighton Elementary; Royal Oak/Rocky Ridge Middle; Saddle Ridge Middle and Northeast High School.

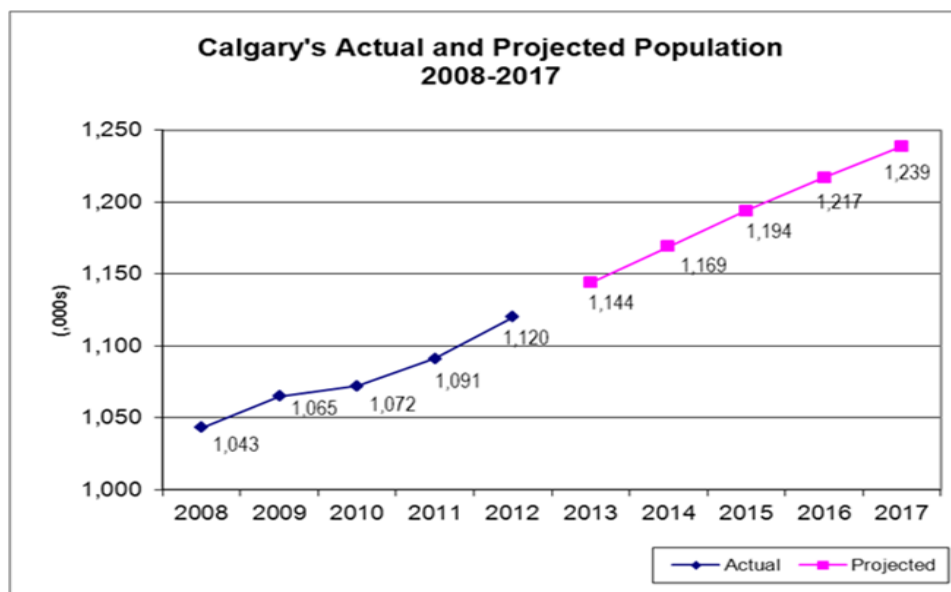
1.0 INTRODUCTION

The Calgary Board of Education (CBE) is a global leader in public education. The largest school district in Western Canada, the CBE provides a full range of educational services for all instructional programs from Kindergarten through to Grade 12. The CBE addresses the complexity and diversity of 107,104 students (includes Adult Education) through 225 schools with 9,177 permanent employees and an operating budget of \$1,169 million.

Over the past decade, Calgary has seen tremendous growth and economic prosperity. One simple indicator of the magnitude of the growth is that the population of Calgary increased 100,283 persons between 2007 and 2012, at an average of 20,057 persons per year.

The population grew from 1,090,936 in April 2011 to 1,120,225 in April 2012, an increase of 29,289 (2.7%). The population growth consisted of natural increase (9,631 persons) representing approximately 30% and net migration (19,658 persons) which represented approximately 70%.

The City of Calgary's report, Calgary and Region Economic Outlook 2012-2017 (Fall 2012), identifies continued strong growth for Calgary. The economic growth rate is forecast to be approximately 3% to 4% over the next five years. The City forecast indicates the total population of Calgary will reach 1,238,800 in 2017, an increase of 118,575 persons from 2012 total of 1,120,225. The five-year population forecast to 2017 represents an average increase of 23,715 persons per year during this period and represents an increased pace from the previous five-year period.



Calgary Total Population (,000s)										
Actual						Projected				
2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1,020	1,043	1,065	1,072	1,091	1,120	1,144	1,169	1,194	1,217	1,239

Calgary and Region Economic Outlook 2012-2017 (Fall 2012)

1.1 CBE Student Enrolment

Total enrolment of 107,104 students was reported on September 30, 2012, and 101,628 pre-Kindergarten to Grade 12 plus 5,476 enrolled in Home Education, Outreach and Unique Settings at Chinook Learning Services and CBe-learn. This count included 1,039 students 20 years old or older on September 1 who are currently not eligible for funding.

Total enrolment increased by 2,922 students from September 30, 2011 to September 30, 2012, with notable increase at Kindergarten, Division I (Grades 1-3) and Division II (Grades 4-6). This increase is mainly due to high birth rates, higher than anticipated net migration and a slight increase in CBE's market share.

Parents and students continue to access program choices offered by the Calgary Board of Education. From September 30, 2011, to September 30, 2012, enrolment in alternative programs increased by 1,234 students or 7%. Enrolment in alternative programs is 19,558 of which 10,924 are enrolled in language programs (French Immersion, Spanish Bilingual, German Bilingual and Chinese Bilingual), 5,078 in Traditional Learning Centres and 3,556 in other programs.

The following table provides a summary of enrolments including Unique settings, Outreach Programs, Chinook Learning, and CBe-learn from September 30, 2008, to September 30, 2012.

Five-Year History of Enrolments by Division 2008-2012					
	2008	2009	2010	2011	2012
Pre-Kindergarten		22	38	51	80
Kindergarten	7,082	7,180	7,459	7,718	8,252
Grades 1-3	21,247	21,693	22,393	23,362	24,444
Grades 4-6	20,680	20,690	20,379	20,525	21,333
Grades 7-9	22,151	22,075	21,647	21,457	21,623
Grades 10-12	25,654	25,670	25,634	25,533	25,896
Sub-Total (pre-k to grade 12)	96,814	97,330	97,550	98,646	101,628
Home Education	203	187	186	189	247
Outreach and Unique Settings	1,634	1,727	1,755	1,797	1,789
Chinook Learning Services	2,492	2,447	2,789	2,935	2,760
CBe-learn	679	685	637	615	680
Sub-Total	5,008	5,046	5,367	5,536	5,476
Total	101,822	102,376	102,917	104,182	107,104

Five-Year Enrolment Projections

CBE's current enrolment of 107,104 students is forecast to increase to 121,133 students by 2017. An increase of 14,029 students is projected averaging 2,800 additional students annually. The largest increase over this five-year timeframe is projected to be in Division I (Grades 1-3) and by Division II (Grades 4-6). Junior high enrolment (Grades 7-9) is projected to decline slightly over the next year and increase again starting in 2014. Senior high enrolment (Grades 10-12) is projected to decline slightly over the next four years and begin to increase slightly starting in 2017.

A summary of the September 2012 actual student enrolments and September 2013-2017 projected enrolments are below:

Five-Year Enrolment Projections 2012-2016						
	Actual 2012	Projected				
		2013	2014	2015	2016	2017
Pre-Kindergarten	80	140	140	140	140	140
Kindergarten	8,252	8,904	8,958	8,811	7,951	7,951
Grades 1-3	24,444	26,015	27,640	29,008	29,378	28,330
Grades 4-6	21,333	22,313	23,376	24,299	25,856	27,471
Grades 7-9	21,623	21,542	21,978	22,621	23,660	24,787
Grades 10-12	25,896	25,812	25,697	25,778	25,677	26,199
Sub-Total (pre-k to grade 12)	101,628	104,725	107,788	110,656	112,661	114,877
Home Education	247	254	262	270	277	282
Outreach and Unique Settings	1,789	1,853	1,909	1,965	2,018	2,044
Chinook Learning	2,760	2,843	2,930	3,016	3,096	3,153
CBe-learn	680	700	722	743	763	777
Sub-Total	5,476	5,651	5,823	5,994	6,154	6,255
Total Student Count	107,104	110,376	113,612	116,650	118,815	121,133

- CBe-learn and Chinook Learning Services accept registrations on an on-going basis.
- All projections are subject to annual review and update.
- Projections use September 30, 2012, enrolments as a base.

Enrolment in Outreach Programs, Unique Settings and CBe-learn assumes current enrolment patterns. Enrolment at Chinook Learning Services is projected to increase slightly over the next five years. Projections for Early Development Centres (pre-k) have been prepared in consultation with the Administration responsible for these programs and are reflective of the growth anticipated over the forecast period.

Projections for Home Education, CBe-learn, Outreach Programs, Unique Settings and Chinook Learning are reflective of the growth anticipated and assume the same level of growth experienced in 2012 will occur over the forecast period. The above mentioned programs/settings are all unique in nature. Chinook Learning and CBe-learn register students continually throughout the year.

Proposed changes to the Alberta School Act , that will give students the option of remaining in school until the age of 21, as well as changes to the definition of student residence will have an impact on future enrolment projections. If passed, the corresponding legislation and policies will be reviewed by the province to ensure a successful transition and implementation. At this time, these changes are not anticipated to take effect until 2014 or more likely 2015 and as such are not reflected in the projections. Once the changes are passed and the timing and implementation are known, the impacts will be included in future district projections.

1.2 Calgary Growth and Development

The City of Calgary supports an actively competitive land market in all areas of the city and there are 24 new and developing municipal communities (Suburban Residential Growth, April 2012) in various stages of development. The large number of concurrently developing communities puts increased pressure on the CBE to meet the expectations of parents for school construction in their community. The report notes that although the number of communities has declined over the last decade, the size of the communities being planned and built today are much larger than they have been historically. Although there are nine fewer actively developing communities today, the land supply is essentially the same as 15 years ago.

The top ten developing communities to receive residential building permit applications in Calgary for 2011 were:

- Skyview Ranch (NE)
- Auburn Bay (SE)
- Aspen Woods (W)
- Panorama Hills (N)
- Cranston (SE)
- Saddle Ridge (NE)
- New Brighton (SE)
- Evanston (N)
- Copperfield (SE)
- Sage Hill (N)

(Source: Suburban Residential Growth 2012-2016, p. A16, A17)

Forecasted Suburban Growth – 2012-2016

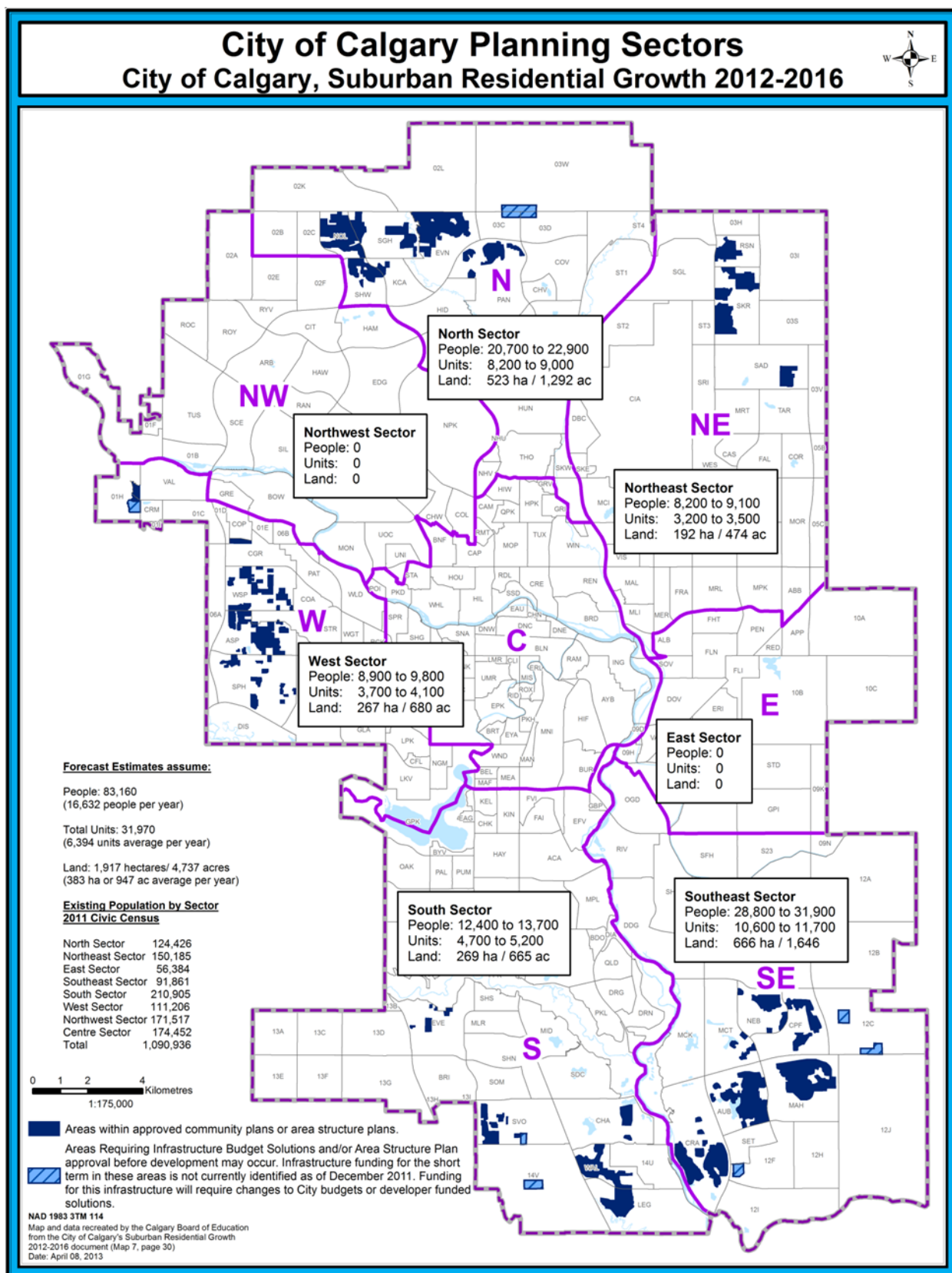
The Suburban Residential Growth 2012-2016 indicates that 100% of the population growth over the past five years (2007-2011) has been in the developing communities. Although the new Calgary Municipal Development Plan supports more intensification into developed areas of Calgary, forecasts over the next five years estimate approximately 95% of the population growth will continue to occur in the new suburbs.

The above report indicates the new suburban areas could accommodate approximately 260,000 persons on the future residential lands, based upon approved plans in place, which represents a 12 to 14 year land supply. In terms of ready to use fully serviced land, approximately 123,600 people could be accommodated which represents an approximate four to six year supply of land.

The figures in the Suburban Residential Growth 2012-2016 (April 2012) are less optimistic than The City of Calgary's Economic Outlook 2012-2017 (Fall 2012) that reflects the new 2012 Census information. The Suburban Residential Growth 2013-2017 that will be prepared by mid 2013 can be expected to have increased population growth to reflect new assumptions.

A summary of the five-year period forecast from the Suburban Residential Growth 2012-2016 for suburban locations is as follows (see Map 1):

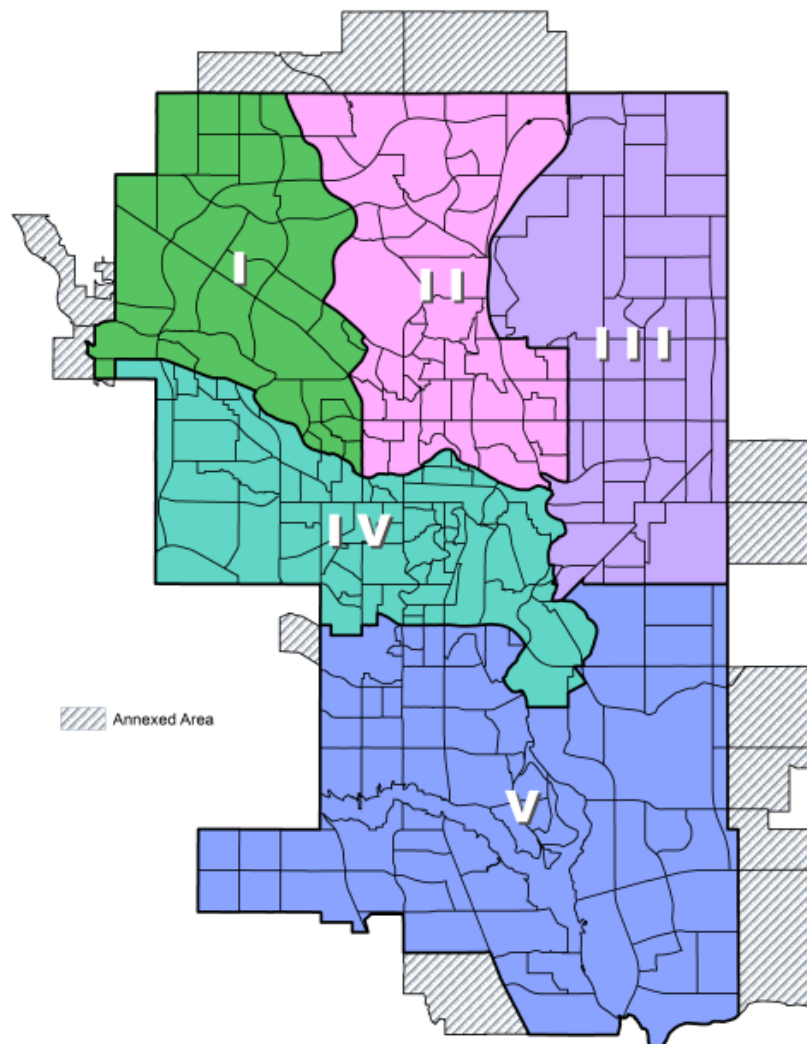
City Growth Trends by City Sector 2012-2016				
Sector	Housing Units	Population Forecast	Hectares	Acres
Northwest	0	0	0	0
North	8,200-9,000	20,700-22,900	523	1,292
Northeast	3,200-3,500	8,200-9,100	192	474
East	0	0	0	0
Southeast	10,600-11,700	28,800-31,900	666	1,646
South	4,700-5,200	12,400-13,700	269	665
West	3,700-4,100	8,900-9,800	267	650



Extrapolating from these City forecasts, the following population increases for suburban locations were prepared to determine populations by CBE's administrative Area boundary:

City Growth Trends by CBE Area 2012-2016	
Area	Population Forecast
Area I	7,500 - 8,300
Area II	13,200 - 14,600
Area III	8,200 - 9,100
Area IV	8,900 - 9,800
Area V	41,200 - 45,600

A portion of the north growth for the communities of Nolan Hill and Sherwood will be in the Area I population forecast. Area III includes the Northeast and East sectors. Area V includes the Southeast and South sectors and indicates that approximately half of the City's growth will be in these portions of the City.



1.3 Framework for Growth and Change

The new Municipal Development Plan (MDP), *Plan It Calgary*, was implemented April 1, 2010, and is the overarching policy that documents municipal development and transportation. *Plan It Calgary* intends to reduce the amount of growth allocated to the developing communities, which is essentially 100%, and to intensify the inner-city and established areas with additional population. The 30-year target of the plan for growth into established areas is 33% and the 60-year target is 50% growth to established areas.

Part 5 of *Plan It Calgary* established a framework for growth and change. This is to ensure reprioritizing municipal investment to align with its long-term growth management strategy on how Calgary will grow and develop over the next 60 years. Calgary City Council directed the City Administration to develop a decision framework to determine when to commence planning, financing, and servicing.

The CBE participated in the stakeholder meetings during fall 2011 and all of 2012 as part of the City's "Framework for Growth and Change" process. The City Administration has reported back to the Standing Policy Committee on Land Use, Planning and Transportation (LPT) and City Council throughout 2011 and 2012 on the process and results.

On October 15, 2012 City Council received and approved the growth management prioritization process. This represents an important milestone in the establishment of the complete growth management system for the city of Calgary. There is still significant work that needs to be done for this process to inform Council's planning and infrastructure investment decisions. Specific deliverables over the next year are:

- Land Supply principles (December 2012)
- An analysis of stakeholder feedback on the PUD2012-690 report (February 2013)
- Financing & Funding strategy (Quarter 2 2013)
- Land Supply strategy (June 2013)
- Sequenced GMIS (Fall 2013)

The CBE has advocated, as part of the growth management process, that the City should have more short-term targets (5, 10 and 15 years) to monitor progress toward growth allocated to the developing communities in relation to the inner-city and established areas. This would enable monitoring of short-term and mid-term benchmarks in reaching the 30-year target of the plan for growth into established areas of 33% and the 60-year target of 50% growth to established areas. Intensification of built-up areas, as advocated through the Framework for Growth and Change, may positively impact the population in the established and mature communities and may increase student enrolments for CBE schools in these areas.

The CBE has identified concerns over the past decade, in annual school capital plans, regarding the large number of concurrently developing communities. The City supports an actively competitive land market in all areas of the city and there are 24 new and developing municipal communities in various stages of development. The large number of developing communities puts increased pressure on the CBE to meet the expectations of parents for new school construction in their community. The CBE has indicated more orderly growth could be achieved by phasing growth into a smaller number of communities that are fully completed on a timely basis.

In terms of population increased from the April 2011 Census to the April 2012 Census, there were four developing communities that exceeded 1,000 persons population growth. Panorama Hills had the largest annual increase of 2,396 persons followed by Auburn Bay (1,424 persons), Skyview Ranch (1,185 persons) and Cranston (1,026 persons).

The largest increase in the established communities was Bankview with a population increase of 467 persons. There were seven other inner city and established communities that exceeded an increase of 300 population consisting of Hillhurst (377), Crescent Heights (376), University (370), Penbrooke Meadows (359), Bridgeland/Riverside (340), Bowness (312) and Chinatown (308).

1.4 City of Calgary Annexation

Previously Annexed Lands

The majority of the 36,000 acres annexed to the City of Calgary, from the MD of Foothills in 2005 and MD of Rocky View in 2007, remain outside of the Calgary Board of Education's jurisdictional boundary.

The Minister of Education has identified it is in the best interest of the students to retain the existing school boundaries until urban development warrants change.

The Minister has indicated that annexed lands would be brought into the CBE and Calgary Catholic School District inventory as area structure plans are finalized.

To date, the following areas of the new annexation lands have been added to the CBE jurisdictional boundaries:

- Annexed land in the south was added to the CBE boundary June 25, 2009 and consists of the communities of Walden and Legacy. These future communities will build out to a population of approximately 24,500 to 25,800 persons.
- Recently annexed land in the northwest has been added for a small extension to the Valley Ridge community that will add approximately 500 persons when fully built-out. A ministerial order was received September 26, 2011 to adjust the CBE boundaries.
- Approximately 177 acres of land in the south have been removed from the City and CBE boundaries as part of the Spruce Meadows lands being added to the MD of Rocky View. A ministerial order was received in September 12, 2011 to adjust the CBE boundaries affected by the Spruce Meadows lands.

A map on page 10 identifies these latter locations.

The Calgary City Council has approved regional context studies to guide development in the newly annexed lands.

- The City has approved the East Regional Context Study (April 2009) with an eventual population of 160,000 persons and approximately 22,000 jobs upon full build-out.
- The City has approved the West Regional Context Study (April 2010) with an eventual population of 22,000 people and 7,000 jobs upon full build-out.
- The City has approved the North Regional Context Study (June 2010) with an eventual population of 216,000 persons and approximately 69,000 jobs on full build-out.

In the next five years, population growth is expected to occur primarily in the developing Calgary communities, and there is a planned land supply that can accommodate approximately 260,000 persons. In the long term, the newly-annexed areas will also add approximately 350,000 to 400,000 new residents to the City.

More detailed area structure plans are being undertaken to guide future planning in the annexed lands. CBE planning personnel have been participating in meetings, discussions and plan preparation, to enable long-term school planning in these new plan areas.

The **West Macleod Area Structure Plan** was approved November 30, 2009 and will accommodate a population of approximately 28,000 persons. Planning since that date has been delayed. There currently is an ASP amendment in process for an additional 12,500 persons to the south. The plan amendment is expected at City Council in Spring 2013.

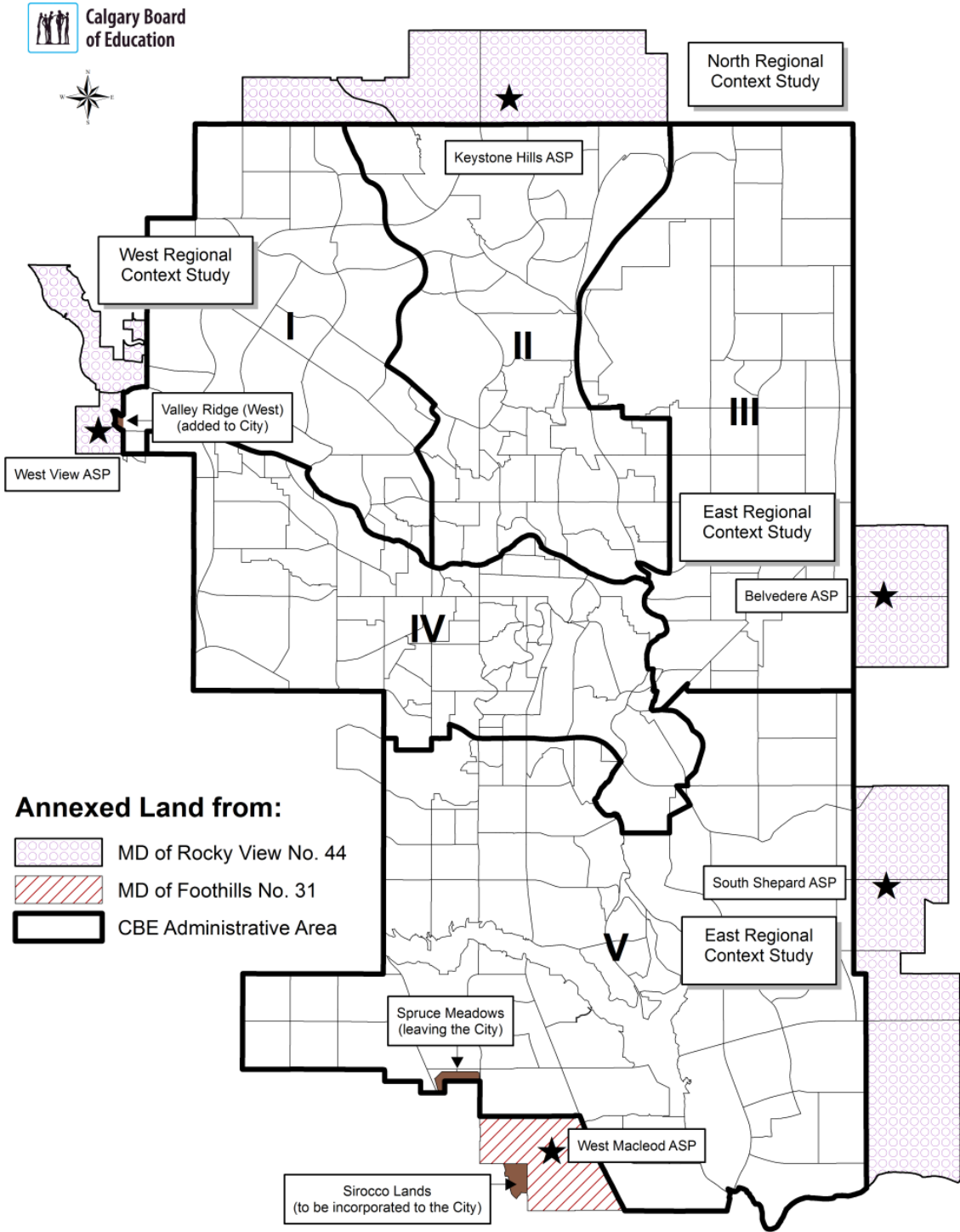
The **Keystone Hills Area Structure Plan** in the north was approved July 16, 2012 and will accommodate a population of approximately 60,000 persons. Outline plans are expected to be submitted in the near future.

The **West View Area Structure Plan** will accommodate a population of approximately 8,300 persons. The ASP was initiated following approval of the West Regional Context Study. The ASP has been on hold since December 2010 while the Province conducts a functional study to determine the location of an interchange that will provide access to the West View area.

The **South Shepard Area Structure Plan** will accommodate a population of approximately 29,000 persons for the north portion of the plan. This plan has been broken into two parts as there are issues related to environmental studies and the landfill site within the study area. The north portion of the plan is expected to be at City Council in spring 2013.

The **Belvedere Area Structure Plan** on the east will accommodate a future population of approximately 61,000 persons. The plan is in nearing completion and timing for approval is to occur in spring 2013.

It is anticipated following approvals of area structure plans and subsequent outline plans, that the CBE and Catholic Separate School District will request, on an as required basis, the Minister to include these lands as part of their respective school boundaries.



Prepared by: Planning, Transportation and Environmental Services
November 2012
Map: Annexation Map.mxd

2.0 CAPITAL STRATEGIES

2.1 Calgary Board of Education

The CBE is pursuing capital funding opportunities which recognize the changing needs of students and is focused on building strong ties with parents, partners, and the community. More specifically, the CBE recognizes:

- Provincial funding is required for new school construction in new and developing communities;
- Parents desire schools to be closer to home, especially for younger students;
- Increasing public demand for program alternatives and personalized learning; and
- Transitions for students with minimal disruption in order to provide continuity of learning with consistent peer cohorts.

This approach to planning anticipates a system of core elementary feeder schools for local school communities (attendance areas), complemented with middle/junior high, and senior high schools serving large geographic areas. The CBE defines a school community as the population required to sustain a school.

The key drivers of the *Three-Year School Capital Plan 2014-2017* will be to undertake the following types of projects:

- Program Delivery – Projects that were urgently required to enable the delivery of school programs e.g. Career and Technology Studies.
- Community Schools – New schools required in rapidly growing communities in order to minimize student travel times and meet needs for a local school in their community.
- Aging Facilities – Older schools that require modernization, rehabilitation or replacement in order to provide appropriate learning environments for students. It is estimated the cost for the major maintenance and repair of CBE educational facilities is in excess of \$920 million.

A balanced approach for the plan will be developed to ensure CBE requirements are met through new school construction, school modernizations and projects to meet program delivery. High priority program delivery projects are listed below.

- Chinook Learning Services (CLS) – CLS has demonstrated a steady increase in enrolments over the past several years and this trend is expected to continue with changes to the Education Act to extend student funding to 21 years of age. The CBE vision is a major central campus and two other locations in the city.
- Career and Technology Studies – A planned CBE strategy to address new Career and Technology Studies (CTS) curriculum requires approval of modernization projects to be undertaken in schools in each of Areas I, II, III and V. Selected schools will deliver CTS courses and programs at exploratory, specialized and credential levels.
- Christine Meikle School – A replacement school is needed for this unique setting for severe and complex student needs for 12 – 19 year old school students.

- Aboriginal Family Community Centre – A modernization at a school is needed for this program which is open to all students who want an Aboriginal-based education.

2.2 Three-Year Education Plan

Alberta Education requires school boards to maintain three-year plans, updated annually. School boards are responsible for carrying out their education plans; for reporting annually to parents, communities, and government on results and use of their resources; and, for using results information to update plans and improve education for students. The Board of Trustees approved the combined Annual Education Results Report 2011-2012 and Three-Year Education Plan 2012-2015 on December 4, 2012. A summary of Facilities and Capital Plans identifying new school constructions projects and major modernization projects are included in the Three-Year Education Plan.

Long-range education plans will continue to be developed and these plans will form the basis of the annual School Capital Plan and the Ten-Year System Student Accommodation and Facilities Strategy to ensure that programs and services for students are provided in suitable facilities in appropriate locations. Education planning information will be based on: the Three-Year Education Plan; Area Renewal Plans and other program development undertaken through the Chief Superintendent's office, School Support Services, and the respective Area Offices. This information, in conjunction with the Three-Year School Capital Plan, Three-Year System Student Accommodation Plan and facility information, will be used to determine the school programs and facility upgrade strategies for each school.

Facility and capital project plans will be developed through the Facilities and Environmental Services Unit based upon approvals obtained for new school construction, replacement schools, modernizations, facility maintenance, facility upgrades and other projects, as identified in this and other plans approved by the Board of Trustees.

2.3 Administrative Areas and Space Utilization

The CBE has five administrative Areas as indicated on **Map 2**. Within each of these Areas, this Three-Year School Capital Plan will review all new and developing communities for new school construction eligibility. The Province has indicated that utilization is reviewed when evaluating a jurisdiction's capital priorities; however, the 85% utilization rate is not a firm requirement but rather a guideline. Currently, the calculation of school capacities, which affects utilization rates, is under review by the Province.

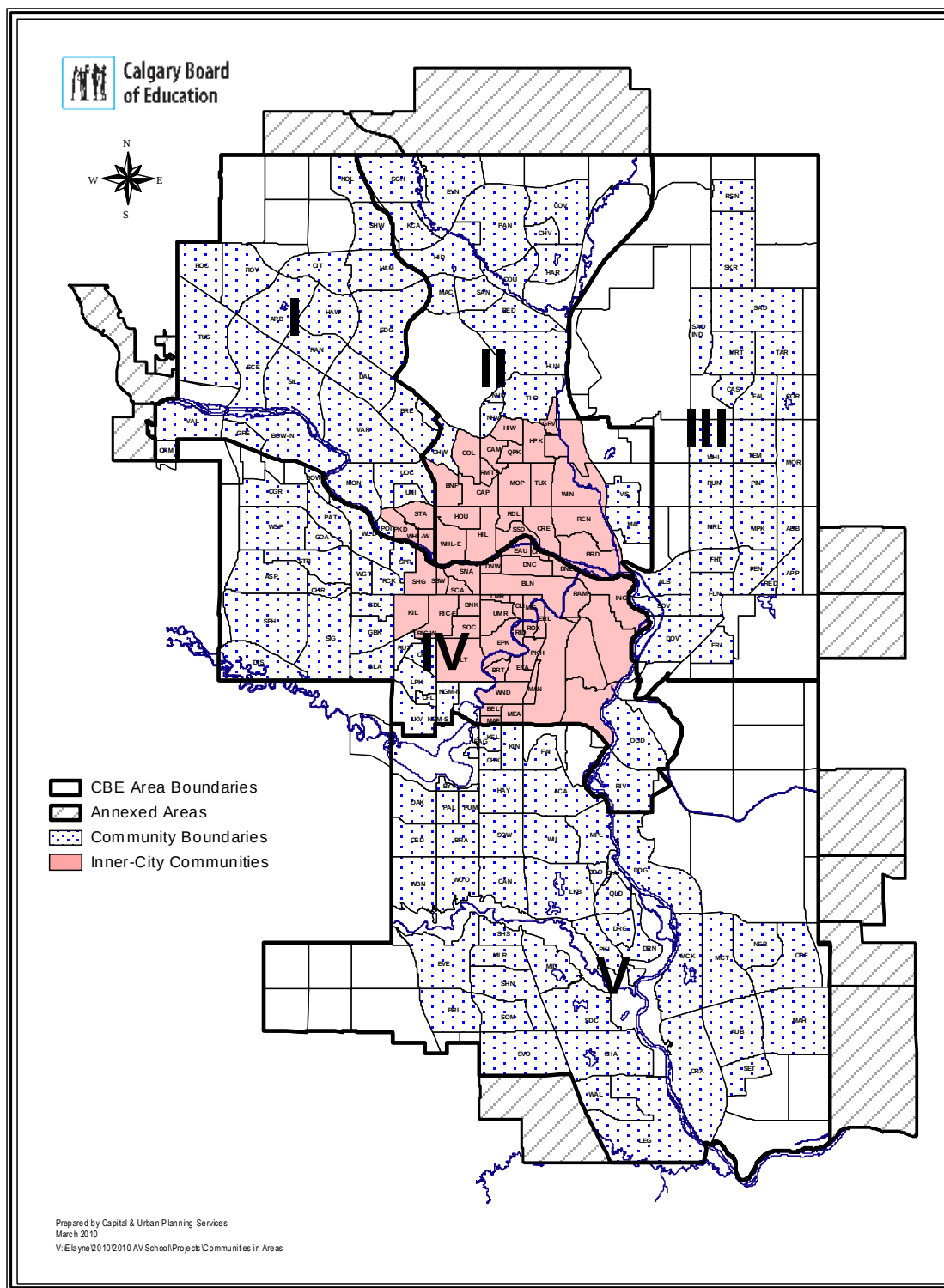
The CBE desires to use their facilities efficiently and continues to work towards an average 80% utilization rate. Given the constraints of the existing utilization formula and other influencing factors such as the Class Size Initiative, the CBE considers an 80% utilization rate a reasonable target. Currently, the CBE's overall utilization rate by enrolment is 80%. The utilization rate is 75.8% for K-9 students and 94.8% for Grades 10-12 students. The CBE will continue to use planning strategies to improve use of facilities and increase utilization rates in Areas with low utilization.

A summary of utilization by enrolment and by residence follows below and is included in detail in Appendix I. Utilization by enrolment identifies the number of students attending schools in an Area expressed as a percentage of the total capacity. Utilization by residence identifies the number of students residing in an Area expressed as a percentage of the total capacity. Projections for 2017-2018 account for additional school capacity through new construction.

Area Utilization by Student Enrolment (Actual & Projected)			
Area	Sector	2012-2013 Actual K-12 Utilization	2017-2018 Projections K-12 Utilization
Area I	Sector 1	68.62%	71.37%
	Sector 2	94.64%	85.33%
Total		82.65%	79.40%
Area II	Sector 3	80.80%	80.32%
	Sector 4	83.78%	84.65%
Total		81.82%	81.92%
Area III	Sector 5	79.04%	84.92%
Total		79.04%	84.92%
Area IV	Sector 6	79.40%	84.66%
	Sector 7	75.47%	76.96%
Total		77.42%	82.27%
Area V	Sector 8	75.78%	83.31%
	Sector 9	87.60%	84.24%
Total		79.57%	83.64%
Total		80.07%	82.39%

Area Utilization by Student Residence (Actual & Projected)			
Area	Sector	2012-2013 Actual K-12 Utilization	2017-2018 Projections K-12 Utilization
Area I	Sector 1	84.92%	87.64%
	Sector 2	113.17%	99.94%
Total		100.15%	94.71%
Area II	Sector 3	28.16%	31.04%
	Sector 4	130.75%	129.57%
Total		63.47%	67.45%
Area III	Sector 5	97.17%	96.69%
Total		97.17%	96.69%
Area IV	Sector 6	93.54%	97.03%
	Sector 7	58.08%	61.08%
Total		75.66%	80.49%
Area V	Sector 8	46.43%	50.72%
	Sector 9	155.93%	147.63%
Total		81.62%	85.19%
Total		82.20%	84.06%

Municipal Communities in Areas *(See List of Community Code Definitions)*



Municipal Community Code Definitions

ABB	Abbeydale	FHT	Forest Heights	RSN	Redstone
ACA	Acadia	FLN	Forest Lawn	REN	Renfrew
ALB	Albert Park/Radisson Hts	GLA	Glamorgan	RIC-E	Richmond-E
ALT	Altadore	GBK	Glenbrook	RIC-W	Richmond-W
APP	Applewood Park	GDL	Glendale	RID	Rideau Park
ARB	Arbour Lake	GRV-N	Greenview-N	RIV	Riverbend
ASP	Aspen Woods	GRV-S	Greenview-S	ROC	Rocky Ridge
AUB	Auburn Bay	GRE	Greenwood/Greenbriar	RDL	Rosedale
BNF	Banff Trail	HAM	Hamptons	RMT	Rosemont
BNK	Bankview	HAR	Harvest Hills	RCK	Rosscarrock
BYV	Bayview	HAW	Hawkwood	ROX	Roxboro
BED	Beddington Hts	HAY	Haysboro	ROY	Royal Oak
BEL	Bel-Aire	HID	Hidden Valley	RUN	Rundle
BLN	Beltline	HPK	Highland Park	RUT	Rutland Park
BDO	Bonavista Downs	HIW	Highwood	SAD	Saddle Ridge
BOW-N	Bowness-N	HIL	Hillhurst	SRI	Saddle Ridge Industrial
BOW-S	Bowness-S	HOU	Hnsfid Hts/Briar Hill	SGH	Sage Hill
BRA	Braeside	HUN	Huntington Hills	SAN	Sandstone Valley
BRE	Brentwood	ING	Inglewood	SCA	Scarboro
BRD	Bridgeland/Riverside	KEL	Kelvin Grove	SSW	Scarboro/Sunalta West
BRI	Bridlewood	KIL	Killarney/Glengarry	SCE	Scenic Acres
BRT	Britannia	KCA	Kincora	SET	Seton
CAM	Cambrian Hts	KIN	Kingsland	SHG	Shaganappi
CAN	Canyon Meadows	LKB	Lake Bonavista	SHS	Shawnee Slopes
CAP	Capitol Hill	LKV	Lakeview	SHN	Shawnessy
CAS	Castleridge	LEG	Legacy	SHW	Sherwood
CED	Cedarbrae	LPK	Lincoln Park	SIG	Signal Hill
CFC	CFB – Currie	LMR	Lower Mount Royal	SIL	Silver Springs
CFL	CFB - Lincoln Park PMQ	LYX	Lynx Ridge	SVO	Silverado
CHA	Chaparral	MAC	MacEwan Glen	SKR	Skyview Ranch
CHW-N	Charleswood-N	MAH	Mahogany	SOM	Somerset
CHW-S	Charleswood-S	MAN	Manchester	SOC	South Calgary
CHN	Chinatown	MPL	Maple Ridge	SMC	South Macleod ASP
CHK	Chinook Park	MRL	Marlborough	SOV	Southview
CHR	Christie Park	MPK	Marlborough Park	SOW	Southwood
CIT	Citadel	MRT	Martindale	SPH	Springbank Hill
CLI	Cliff Bungalow	MAF	Mayfair	SPR	Spruce Cliff
COA	Coach Hill	MAL	Mayland Heights	STA	St. Andrews Hts
COL	Collingwood	MCK	McKenzie Lake	STR	Strathcona Park
CPF	Copperfield	MCT	McKenzie Towne	SNA	Sunalta
COR	Coral Springs	MEA	Meadowlark Park	SDC	Sundance
CGR	Cougar Ridge	MID	Midnapore	SSD	Sunnyside
CHV	Country Hills Village	MLR	Millrise	TAR	Taradale
COU	Country Hills	MIS	Mission	TEM	Temple
COV	Coventry Hills	MOR	Monterey Park	THO-N	Thorncliffe-N
CRA	Cranston	MON	Montgomery	THO-S	Thorncliffe-S
CRE	Crescent Hts	MOP	Mount Pleasant	TUS	Tuscany
CRM	Crestmont	NEB	New Brighton	TUX	Tuxedo Park
DAL	Dalhousie	NOL	Nolan Hill	UNI	University Heights
DRG	Deer Ridge	NGM-N	North Glenmore Park-N	UOC	University of Calgary
DRN	Deer Run	NGM-S	North Glenmore Park-S	UMR	Upper Mount Royal
DIA	Diamond Cove	NHV	North Haven	VAL	Valley Ridge
DIS	Discovery Ridge	NHU	North Haven Upper	VAR	Varsity
DDG	Douglasdale/Glen	OAK	Oakridge	VIS	Vista Heights
DOV	Dover	OGD	Ogden	WAL	Walden
DNC	Downtown Commercial Core	PAL	Palliser	WHL-E	West Hillhurst-E
DNE	Downtown East Village	PAN	Panorama Hills	WHL-W	West Hillhurst-W
DNW	Downtown West End	PKD	Parkdale	WSP	West Springs
EAG	Eagle Ridge	PKH	Parkhill	WGT	Westgate
EMC	East Macleod (ASP)	PKL	Parkland	WHI	Whitehorn
EAU	Eau Claire	PAT	Patterson	WLD	Wildwood
EDG	Edgemont	PEN	Penbrooke Meadows	WIL	Willow Park
EPK	Elbow Park	PIN	Pineridge	WND	Windsor Park
EYA	Elboya	POI	Point Mckay	WIN	Winston Hts/Mntview
ERI	Erin Woods	PUM	Pump Hill	WBN	Woodbine
ERL	Erlton	QPK	Queen's Park Village	WOO	Woodlands
EVN	Evanston	QLD	Queensland		
EVE	Evergreen	RAM	Ramsay		
FAI	Fairview	RAN	Ranchlands		
FAL	Falconridge	RED	Red Carpet		

2.4 Planning and Consolidation of Surplus Space

System Student Accommodation Plan

The CBE has a Three-Year System Student Accommodation Plan to inform appropriate decision-making and timely engagement for community members and parents in CBE accommodation planning. The process applies to and informs recommendations regarding all school and program accommodation issues. A Three-Year System Student Accommodation Plan is developed to support and reflect the Three-Year Education Plan, Three-Year School Capital Plan, and the Ten-Year System Student Accommodation and Facilities Strategy.

Student accommodation needs are identified by the Planning, Transportation & Environmental Services department in consultation with Area Directors. Administration is responsible for engaging internal and external stakeholders regarding student accommodation challenges. The System Student Accommodation Plan 2012-2015 was received for information at the June 19, 2012, Board of Trustees meeting.

Full Day Kindergarten

The Province has recently indicated they would like to review the learning benefits of full-day kindergarten. The Province plans to undertake a review of operational issues to better understand the implications of this possible future programming change.

In terms of the CBE schools, the mandating of full day kindergarten in all elementary schools would have significant planning, accommodation, staffing, transportation, community engagement and cost implications.

Currently, 137 elementary schools provide kindergarten programs. Of these, only 18 elementary schools, the Children's Village School and Emily Follensbee School offer full day kindergarten. Should there be a provincial requirement for full day kindergarten, a number of schools at or near full capacity would have emergent space issues.

Possible impacts on highly utilized schools would be a change in grade levels provided in the schools and increased bus transportation of students. The overall CBE school utilization rate is estimated to increase by approximately three percent with full day kindergarten and there are significant implications for many schools that are approaching, or at 100% utilization. Further detailed reviews of each school, and the cost implications involved, would need to be undertaken by the CBE.

Potential School Space Consolidation

The CBE is strongly committed to effective use of space and resources. Consolidation of schools with low enrolments and the consolidation of programs will continue in future years through the Three-Year System Student Accommodation Plan. Potential school space consolidation will be dependent upon future direction associated with full day kindergarten. The Three-Year System Student Accommodation Plan will identify issues and challenges that may lead to consideration of closures of schools or programs on an annual basis.

Areas with low enrolments require effective strategies for programming for students and, in some cases this is achieved through a school consolidation. In other Areas, a combination of program consolidation through introduction of alternative programs and other strategies is required.

The Robert Thirsk High School is currently being fit-up by the CBE and will be operational for the 2013-2014 school year. This will add 1,500 student spaces to the CBE inventory and programs and accommodation plans for Area I senior high schools will reflect the new high school opening.

The Three-Year System Student Accommodation Plan identifies future accommodation issues and challenges for the five Areas. Strategies identified in this Three-Year School Capital Plan are consistent with the Three-Year System Student Accommodation Plan.

Program Opportunities for Students

The CBE is committed to a balance among equity, access, excellence, and choice within the school system and consequently offers a wide variety of programs for students of all ages. Programs are designed to enrich the lives of students and to promote quality learning. They recognize the many diverse ways of learning and the many interests and abilities of students. Through the Three-Year System Student Accommodation Plan, these programs are initiated where space is available and as close as possible to where demand for the programs exists. A link to the website is as follows:

<http://www.cbe.ab.ca/Schools/ceop/pdfs/SSAP2011-2014.pdf>

2.5 New School Construction and School Approvals

The Province undertook four middle schools and one senior high school as part of the Alberta Schools Alternative Procurement Phase II.

The four middle schools; Nose Creek, Captain Nichola Goddard, Ted Harrison, and Twelve Mile Coulee, opened at 900 student capacity each, for the 2012 - 2013 school year.

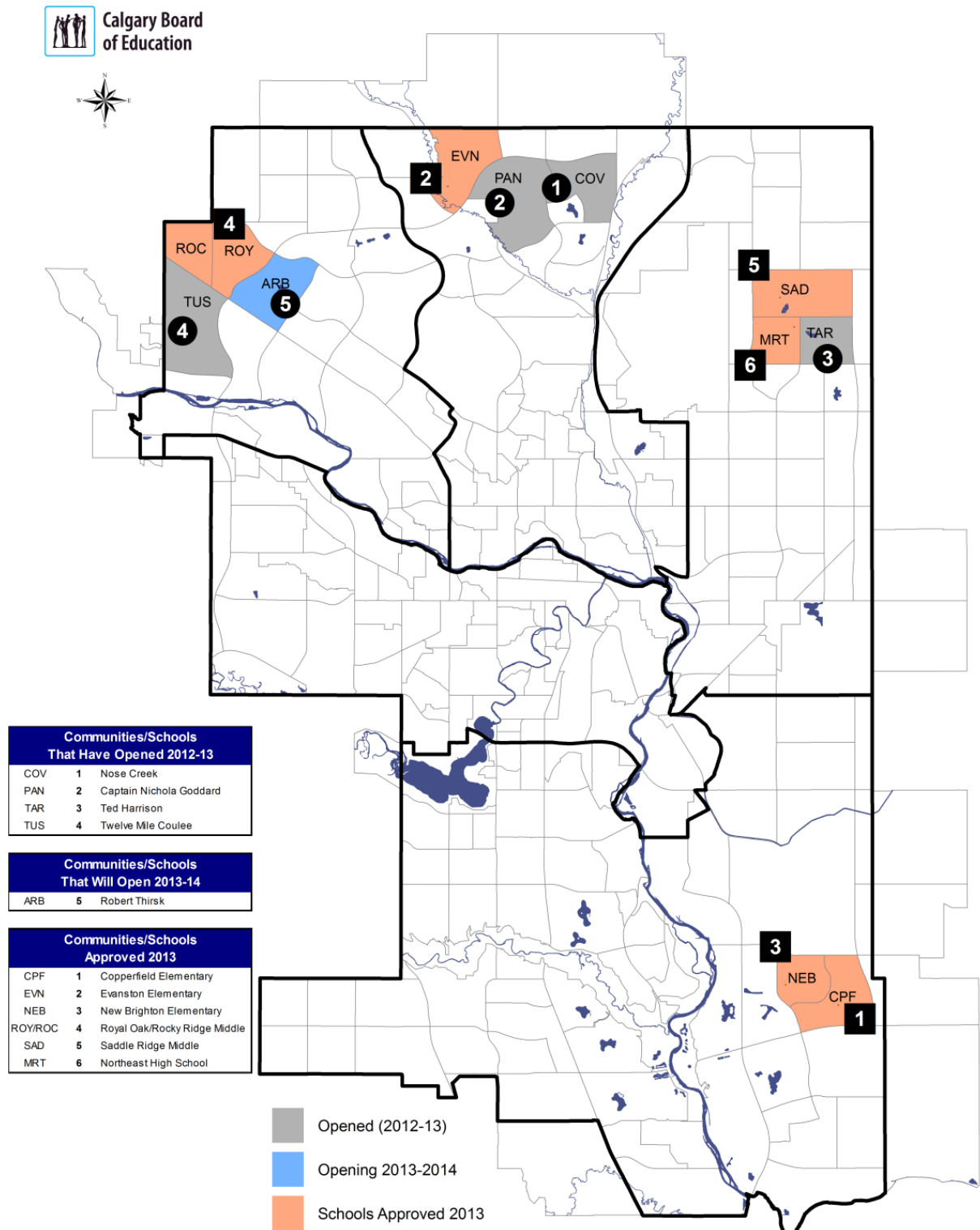
The Robert Thirsk High School with a 1,500 student capacity for Grades 10-12 is to open for the 2013-2014 school year.

The following schools have been recently approved by the Province: Copperfield Elementary; Evanston Elementary; New Brighton Elementary; Royal Oak/Rocky Ridge Middle; Saddle Ridge Middle and Northeast High School.

Map 3 identifies the location of schools that opened for the 2012-2013 school year, and the future school opening for the 2013-2014 school year.

Map 3

School Construction Projects



Prepared by: Planning, Transportation and Environmental Services
April 8, 2013
Map: School Construction Projects.mxd

2.6 School Major Modernization

School major modernization projects provide for the renovation of whole or part of a school building for present and future educational programs to address physical obsolescence and/or improve functional adequacy and suitability. School major modernization projects should not exceed 75% of the replacement value of the school building as per provincial guidelines.

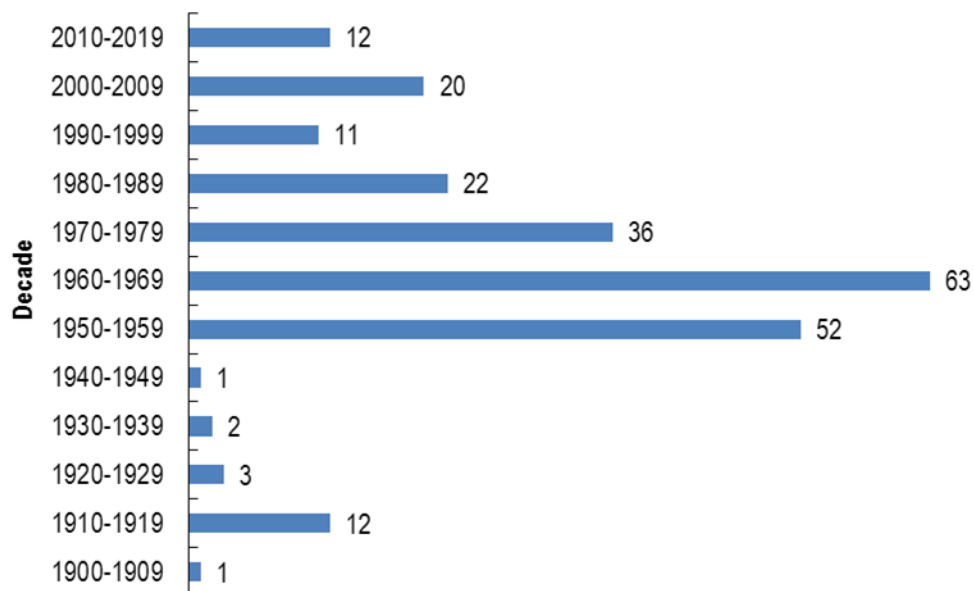
A modernization of Lord Shaughnessy High School to enable the delivery of the new Career and Technology Curriculum that was started in April 2010, is complete. The completed construction achieved the following modernizations:

- New entranceway and foyer addition
- Learning Commons (completely new construction)
- Modernized all shop areas
- Complete interior renovation upgrades

A modernization of three school facilities to accommodate Chinook Learning Services was approved in 2011 for \$10.5 million. This project is currently in the planning stages and additional funds to complete the project are requested as part of this plan.

From the 239 CBE-owned facilities, 235 are school buildings. One hundred and thirty-five of the school buildings were built before 1970. This represents 57% of the school building inventory. The current inventory by decade of CBE school buildings is shown in the following graph:

Current School Building Inventory by Decade



In 2004, the Province undertook a rolling condition assessment of schools in the Renewal Capital Asset Planning Process (RECAPP) and planned to audit CBE facilities every five years. In the spring of 2009, Alberta Infrastructure recommenced evaluations starting with the former 2004 assessments, thus continuing the five-year assessment cycle. Approximately 40 to 50 facilities are audited every year. Findings of the re-evaluation are incorporated into maintenance, modernization, and facility planning for the CBE projects.

There are 25 modernization projects that have been included as part of this year's Capital Plan.

A planned CBE strategy to address the new Career and Technology Studies (CTS) curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver CTS courses to students in each of the four Areas. The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken for the Career and Technology Studies curriculum. As well, the Chinook Learning locations and the Aboriginal Family Community School have been placed in priority order. The remaining modernization priorities for the School Capital Plan are ranked. Key factors for ranking and the schools are in Appendix II.

2.7 Collaborative Initiatives with The City of Calgary

For many years, the CBE and The City of Calgary have enjoyed a strong working relationship. This relationship involves both city-wide initiatives and specific initiatives focussed on property, leasing, and infrastructure. The following initiatives are examples of the CBE working together with the City:

- The CBE is on the Joint Use Coordinating Committee with the City and the Calgary Catholic School District that deal with joint-use school reserve sites.
- The CBE and the City participated on a Provincial Working Committee with the City of Edmonton's representatives to pursue the use of vacant surplus school envelopes to accommodate a range of community service-based uses. The CBE has returned vacant school sites to the City, and the City is evaluating sites for open space needs and/or community service uses.
- CBE representatives have been involved in city-wide initiatives such as the new Land Use Bylaw, annexation and *Plan It Calgary*. The CBE has participated recently with other stakeholder groups on "Framework for Growth and Change" activities that are currently being dealt with at City Council.
- The CBE and Calgary Catholic School District are involved with the City on a study to review traffic, parking and safety around school sites. The study is in the early stages to develop a scope and work plan, and the City is undertaking the lead role on the study.
- The CBE and the City are involved in ecologically friendly initiatives that represent a mutual commitment to responsible environmental stewardships. In this domain, the CBE's Eco-Team meshes well with the City's commitment to responsible stewardship of the Calgary environment. The CBE's Eco-Team was awarded the 2009 Emerald Award in the Government Institution category.

3.0 NEW SCHOOL CONSTRUCTION CAPITAL PLAN CRITERIA

The CBE defines a school community as the population required to sustain a school. In the new and developing municipal communities, elementary school communities generally reflect municipal community boundaries. The junior high and middle school communities can serve one large municipal community or two or more small-to-medium-sized municipal communities. In the inner-city and established areas, school communities tend to cover larger geographic areas for elementary, junior high, and middle schools, and do not always align with municipal community boundaries as there is a large range of municipal community sizes and demographics.

A review of the ranking methodology has been undertaken and used for preparation of the Three-Year School Capital Plan 2014-2017. The following has been considered in the review of the methodology.

- At the time of the review (January 2013) there had not been a new elementary school approval for over five and a half years (June 2007) or a middle school approval for over five years (January 2008). The lack of school approvals has resulted in large numbers of pre-school students, K-4 students, and Grade 5-9 students that have moved beyond the pre-school and K- 9 student thresholds of the new school construction ranking criteria.

As well, the maximum capacities of elementary schools and middle schools have increased over the years. Upper threshold for points has been increased to account for ever increasing pre-school children, K-4 and Grade 5-9 enrolments and larger school capacities.

- Community sizes have been increasing the past ten years. This is documented in the City's Suburban Residential Growth 2012-2016 document and some new communities are projected to exceed 30,000 population (Mahogany, Skyview Ranch).

Communities in the 25,000 population plus range will have a significant advantage over average to large sized communities of 10,000 - 20,000 on annual community growth and percent build-out measures. The matrix for percentage build-out of future community growth has been removed and the number of CBE K-4 and Grade 5-9 students is only considered.

- The annual three-year community growth measure is still considered but lessens the impact of growth with 10 points instead of 15 points.
- Median Travel Time, Bus Receivers, Existing K-4 Schools and Grade 5-9 Accommodation continue to be retained as important measures. Points will be given to bus receiver plans for communities that are anticipated to have greater than one bus receiver within two years of the current school year, rather than the current year that was previously used.

3.1 Construction Planning Criteria: Kindergarten to Grade 9 Schools

There are two types of criteria in the evaluation process used to rank school communities for capital building priorities in the Three-Year School Capital Plan. These are as follows:

1. **Eligibility Criteria** acts as a screening filter for new capital projects and must be met before a school community evaluation proceeds to the ranking phase.
2. **Ranking Criteria** that will be used to further evaluate and prioritize new capital projects.

Eligibility Criteria

Eligible School Communities

For the Three-Year School Capital Plan 2014-2017, all new and developing municipal communities will be ranked for new school construction. Inner-city and established areas are not ranked.

Most municipal communities have an elementary site and are ranked individually as a school community. In certain cases, two small municipal communities form one school community where they do not exceed the community population threshold of approximately 10,000 people. In the case of middle/junior high schools, adjacent municipal communities can form one school community where they do not exceed the community population threshold of approximately 24,000 people. Community build-out projections may vary from year to year due to ongoing adjustments to densities and other factors as determined by the City. Large municipal communities that can sustain a middle/junior high school are ranked individually as a school community.

Accommodation Options

This criteria is used to evaluate student accommodation options for eligible school communities. There should be a logical progression from an elementary (K-4) school to a middle school (Grades 5-9) in order to allow students to progress to higher grades. In some cases, an accommodation option may exist in a nearby community and a school community may not need to be ranked for new school construction.

Ranking Criteria

For school communities that meet the eligibility criteria, a ranking is applied based upon criteria identified in three categories: the Community Growth Profile; Busing and Travel Time; and Accommodation. Points for each of the profiles are totalled and used to rank priorities for new school construction.

- **Community Enrolment and Growth Profile**

Point assignments are given to school communities based on growth factors. Based on this information, three categories have been developed for ranking purposes:

- **K-4 Ranking**

- Declared public pre-school census
 - K-4 students
 - Three-year community population growth

- **Grade 5-9 Ranking**

- K-4 students
 - Grades 5-9 students
 - Three-year community population growth

- **Busing and Travel Time**

Point assignments are given to school communities based on Busing and Travel Time assessment. Based on this information, two categories have been developed for ranking purposes for elementary and middle school ranking:

- Median travel time
 - Number of bus receivers projected to occur within the next two year period

- **Accommodation Available for a Community**

Two additional categories exist for middle school ranking to reflect continuity of accommodation plans:

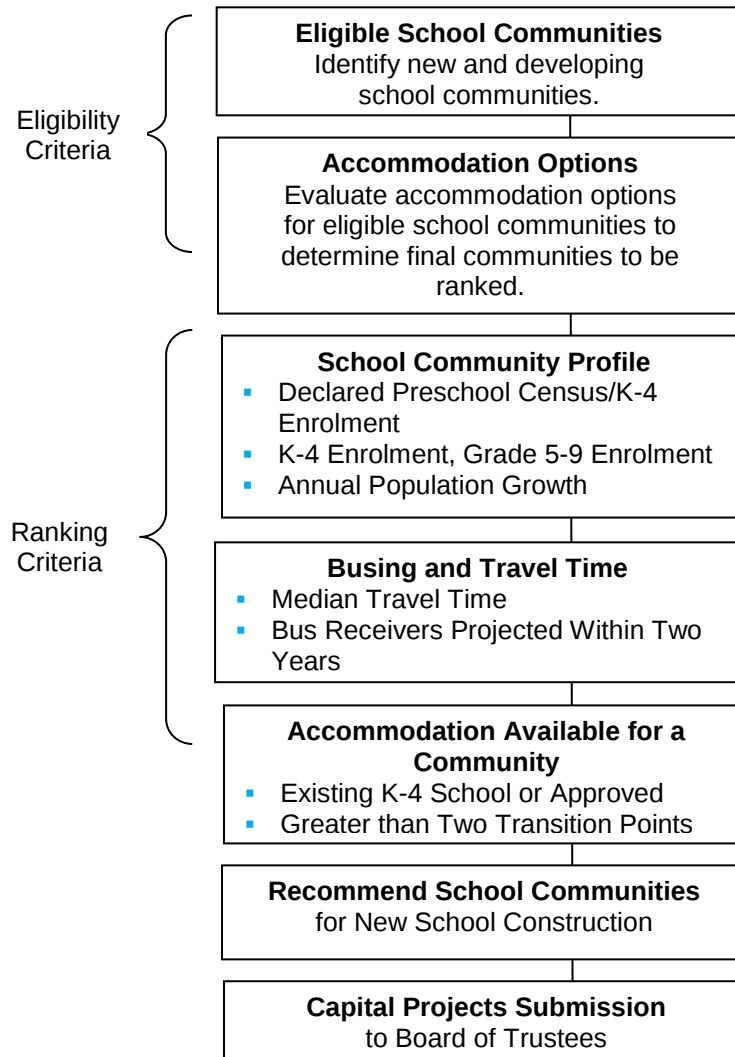
- Points will be awarded if an existing K-4 school has been approved or constructed in a community.
 - Points will be awarded if students have more than two transition points for schools (e.g., K 4, Grades 5-6, and Grades 7-9) rather than one transition point. (e.g. K-4, Grades 5-9)

The option exists for the placement of priorities for new school construction.

- Senior high schools are not ranked using point criteria, but are recommended on the priority list based on need.
 - Schools with unique settings or enrolments that cannot be easily ranked are also placed on a priority basis.
 - Extenuating circumstances may require a placement priority (i.e. site not ready, provincial approval not aligned with CBE priorities) for an elementary or middle school.

A flow chart summarizing the evaluation process for recommended new school construction follows:

Three-Year School Capital Plan 2014-2017 New School Construction Evaluation Process



3.2 Construction Ranking: Kindergarten to Grade 9

The list of top-ranked school communities for Kindergarten to Grade 9 to be included in this year's Plan are below:

School Communities					
Rank	Community	Points	Area	Sector	Grade
1	Panorama Hills ⁽²⁾	145	II	4	K-4
2	Tuscany ⁽²⁾	135	II	1	K-4
3	New Brighton/Copperfield Middle	100	V	9	GR5-9
4	Auburn Bay	95	V	9	K-4
5	McKenzie Towne Middle	95	V	9	GR5-9
6	Evergreen Middle	90	V	9	GR5-9
7	Cranston Middle	90	V	9	GR5-9
8	Springbank Hill	85	IV	6	K-4
9	West Springs/Cougar Ridge Middle	75	IV	6	GR5-9
10	Saddle Ridge ⁽²⁾	75	III	5	K-4
11	Cougar Ridge	70	IV	6	K-4
12	Martindale ⁽²⁾	70	III	5	K-4
13	Country Hills/Harvest Hills**	65	II	4	K-4
14	Silverado	65	V	9	K-4
15	Aspen Woods	65	IV	6	K-4
16	Evanston Middle	65	II	4	GR5-9
17	Bridlewood Middle*	65	V	9	GR5-9
18	Springbank Hill/Discovery Ridge Middle	60	IV	6	GR5-9
19	Signal Hill Middle	55	IV	6	GR5-9
20	Kincora	50	II	4	K-4
21	Skyview Ranch	45	III	5	K-4
22	Harvest Hills/Country Hills**	45	II	4	GR5-9
23	Evergreen ⁽²⁾	45	V	9	K-4

Notes: ⁽²⁾ Indicates second K-4 school.

* Accommodation strategy to another community

** Combined Country Hills/Harvest Hills into K-9 grade configuration

A K-4 elementary school will typically have a 600 student capacity consisting of a 300 student capacity core and a 300 student capacity modular addition in 12 units. A Grade 5-9 middle school will typically have a 900 student capacity consisting of a 500 student capacity core and a 400 student capacity modular addition in 16 units. Adjustments to school capacities may occur, as required, for smaller sized communities.

CBE school communities ranked for elementary and middle/junior high schools must have a site available and have a student population large enough to sustain an elementary or middle/junior high school per the ranking criteria. New school construction projects for the top-ranked school communities have been identified

in Section 4.0. Details of ranking for all school communities with points are included in Appendix III.

In the case of a tie in ranking:

- An elementary school ranking for a community will have priority over a middle school ranking.
- A community without a school will be given priority over a community with an approved school or existing school.
- A community with a middle school ranking will be given priority over a community with an approved or existing elementary and middle school.
- Further ties will be broken on total points of the first two community ranking categories. In the case where it is still tied, the first community ranking category points only will be used.

3.3 Construction Planning Criteria: Senior High Schools

The Area-based approach is used to evaluate projects for new senior high school capital priorities. Utilization rates are listed below:

Senior High Area Utilization		
Area	Residence Utilization	Enrolment Utilization
Area I	153.22%	100.90%
Area II	64.09%	99.35%
Area III	141.67%	88.52%
Area IV	84.01%	93.20%
Area V	100.74%	92.86%

Notes:

- Student residence and enrolment as at September 30, 2012
- Capacity is based on Alberta Infrastructure's Area, Capacity and Utilization Report

Area I indicated a very strong demand based upon 153% utilization by residence and 101% utilization by enrolment. This demand will be met with the opening of the new Robert Thirsk High School to open in the northwest for the 2013-2014 school year.

The greatest demand for new senior high school construction is a 1,800-capacity senior high in the northeast in Area III. This demand will be met by the recent approval of the Northeast High School to be constructed for the September 2017-2018 school year. Utilization rates for the northeast are 142% utilization by residence and 89% utilization by enrolment. Area III has the greatest priority with only three high schools. This approval will enable students from Castleridge, Coral Springs, Falconridge, Martindale, Taradale and Saddle Ridge to be able to be accommodated closer to home. Currently these students are bussed to Area II high schools.

There is also demand in Area V based upon 101% utilization by residence and 93% utilization by enrolment. Sector 9 has a utilization rate of 242% by residence (Appendix I), and is only served by Centennial High School in the south. There is no high school in the far southeast.

There is a demand in Area II, as well to locate students closer to home. Sector 4 has an utilization by residence of 252%, and is only served by John G. Diefenbaker. Area II has a utilization by residence of 64% and utilization by enrolment of 99%.

3.4 Construction Priorities: Senior High Schools

Senior high schools (see **Map 4**) are not ranked using point criteria but are recommended on the new school construction priority list based on need.

Southeast High School

A new high school is required in the far southeast. The southeast sector is the fastest growing area in the city, which is expected to increase approximately 28,800 - 31,900 persons over the next five year time frame. This represents 35% of the forecast city growth in terms of total housing units. Development in the five to ten year time frame is expected to continue in the 35% range. Sector 9 of Area V has a large student population by residence with 4,373 senior high students and is only served by Centennial High School in the far south with a capacity of 1,807 students.

Southeast communities, north of Highway 22X, consist of McKenzie Lake, Douglasdale/Glen, McKenzie Towne, New Brighton, Copperfield, and all students are designated to Lord Beaverbrook High, located in the Acadia community. These communities have a build-out population of 72,000 persons and currently have 1,278 students attending CBE high schools for Grades 10 -12. Three of these communities are early in their growth cycle and student numbers will continue to be in this range and/or greater over time.

Students residing in the communities south of highway 22X consist of Cranston (designated to Lord Beaverbrook High), Auburn Bay (designated to Dr. E.P. Scarlett High) and Mahogany (designated to Henry Wise Wood High). These three communities have a build-out population of 70,000 persons and currently have 289 students attending CBE high schools for Grades 10 -12. Auburn Bay and Mahogany are in the early stages of development while Cranston is approximately 50% built-out. Student high school numbers will increase significantly over time.

A 25 acre senior high school site is located in the Seton community near the new Southeast Hospital. A future City recreation centre is on the same site as the high school. A build-out population of 60,000 - 70,000 people can generate 1,800 students in Grades 10-12 to be accommodated in the high school. Based on a mixture of established, new and developing communities, a new high school will operate at 100% capacity for many years to come. Future accommodation plans and designated communities will be developed over time based on the timing of the new school opening and number of students in nearby communities.

North High School

A new high school is also required in the far north to provide accommodation closer to home for students in outlying areas. The north sector is the second fastest growing area in the city, which is expected to increase approximately

20,700 - 22,900 persons over the next five year time frame. This represents approximately 27% of the forecast city growth in terms of total housing units.

Area II is the least utilized area in the City at the high school level with a 64% utilization rate (Appendix 1, Table 2); however, the schools are not in close proximity to where the students reside. Sector 4 of Area II, consists of the northernmost communities and has a large student population by residence with 3,278 senior high students and utilization by residence of 252%. John G. Diefenbaker, located at 64 Avenue and Centre Street N is the only high school in Sector 4 with a capacity of 1,300 students.

Sector 3 is also in Area II and has four senior high schools and a very low utilization by residence of 24%. This is due to four high schools in Sector 3 with a capacity of 6,082 student spaces and only 1,453 students in the sector. This large amount of capacity makes the North High School less of a pressure point than the Southeast High School. This capacity is somewhat misleading as William Aberhart High, with a capacity of 1,599 student spaces, is in Sector 3 and essentially serves northwest students in Area I; however, utilization by residence would be still in the 32% range with William Aberhart removed from capacity.

The primary catchment population for a north high school would be the Northern Hills communities, consisting of Harvest Hills, Coventry Hills, Country Hills Village, Country Hills (north/south) and Panorama Hills as well, the Hidden Valley community to the west. These five communities have a build-out population in the range of 65,000 persons and currently have 1,527 students attending CBE high schools for Grades 10 - 12. Four of the above communities are essentially built-out and Panorama Hills is nearing completion at 85% built-out.

The communities above attend four different CBE schools in Area II consisting of Crescent Heights (Coventry Hills, including Country Hills Village, Hidden Valley), Queen Elizabeth (Country Hills - south) James Fowler (Country Hills – north) and John G. Diefenbaker (Panorama Hills, Harvest Hills). John G. Diefenbaker is the closest school in the Huntington Hills community. Students attending Crescent Heights and Queen Elizabeth having long travel times to the inner city communities north of the Bow River in Crescent Heights and West Hillhurst.

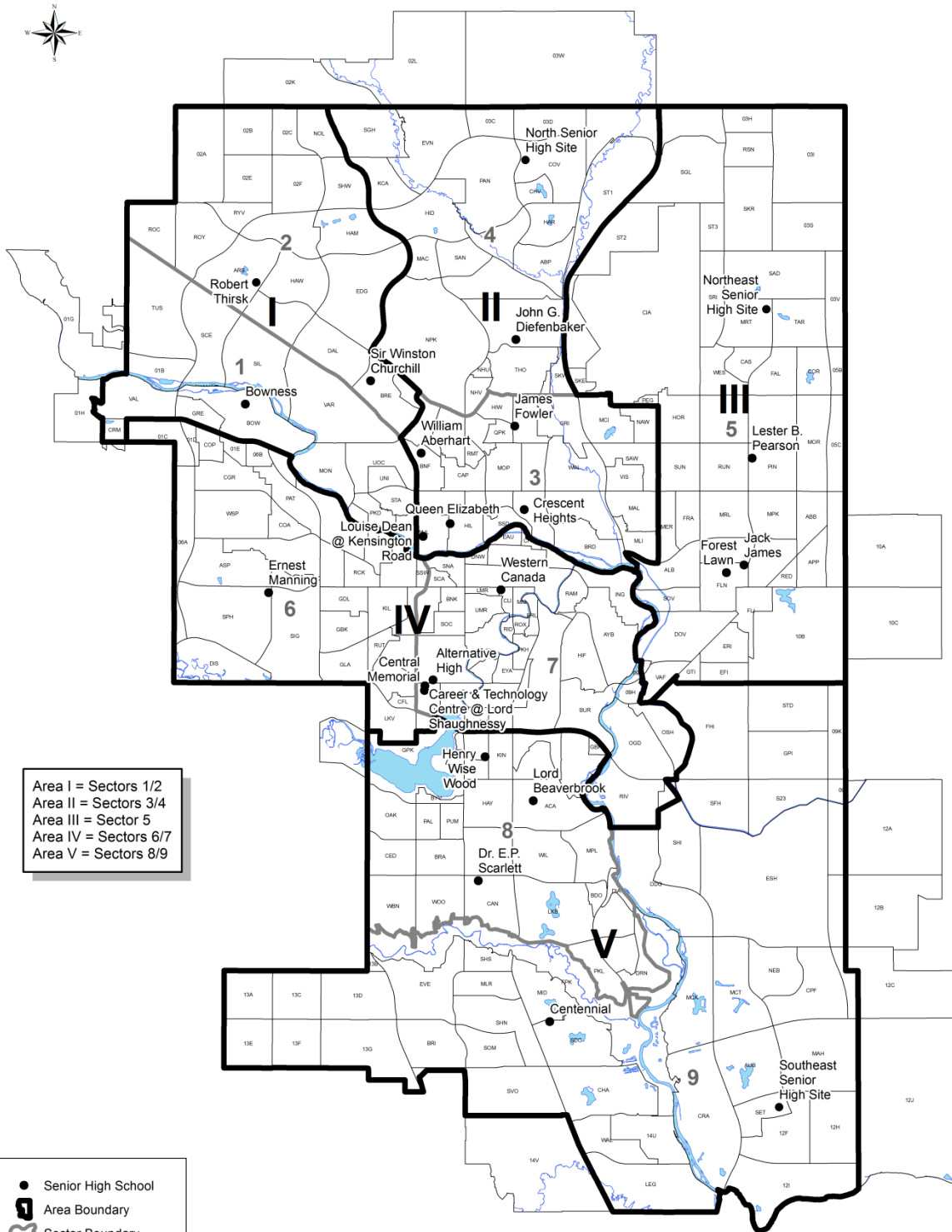
The earliest a Northeast High School could be expected to open will be by the 2017- 2018 school year. There are currently 1,059 students from the northeast communities attending James Fowler High. Projections in this range will continue and it is expected James Fowler will lose up to 1,000 students when the Northeast High School opens. This will enable space in James Fowler to be available for students from communities of Coventry Hills, Country Hills Village, Hidden Valley and/or Country Hills south as space permits.

A 23.6 acre senior high school site is located in the Coventry Hills community on Coventry Hills Way NE. Based on a mixture of established, new and developing communities, a new North High School will operate at 100% capacity for many years to come.



Calgary Board
of Education

Senior High Schools and Future Senior High Sites Located within Administrative Area and Sector Boundaries



Prepared by: Planning, Transportation and Environmental Services
January 2013
Map: Current and Future Sr High.mxd

4.0 THREE-YEAR SCHOOL CAPITAL PLAN 2014-2017 – SUMMARY

Capital projects are reviewed and prioritized by the Ministry of Education prior to being submitted to the government's Capital Planning Initiative process led by the Treasury Board. Projects are first reviewed for accuracy and clarity and Provincial staff may meet with school jurisdictions to obtain further information as required.

Alberta Education will prioritize project requests by first considering school jurisdiction priorities and then the following criteria:

- Health and Safety
- Building Condition
- Utilization Rates
- Enrolment Projections
- Education Program Delivery
- Additional Information

Alberta Education then prepares the annual submission for the Provincial Capital Planning Initiative. All government projects are evaluated and prioritized using a Project Rating System consisting of program delivery, infrastructure, performance, economical, and financial impacts.

An in-depth review of the ranking rationale assigned to each capital project is undertaken by a cross-ministry committee, resulting in a recommendation being submitted to the Deputy Minister Capital Planning Committee, and then to the Treasury Board Capital Planning Committee. Provincial Caucus reviews the Treasury Board recommendations and, ultimately, approves the Provincial Capital Plan.

This section provides a summary of recommended new school construction and major modernization projects. Table 1 (New School Construction) and Table 2 (School Modernizations) provides a summary of the recommended projects and project costs are based upon 2012 Alberta Infrastructure support prices. Sections 5.0 and 6.0 provide details of the recommended projects.

Projects are listed in order of priority. Until recent approvals on May 1, 2013, there has not been an approval since January 30, 2008, for new school construction. Despite the approvals, there is still a large backlog of priorities. Details of modernization rankings are in Appendix II and details of new school construction priority rankings are identified in Appendix III.

The sections that follow this summary (Sections 5.0 and 6.0) describe the community and school profiles in order of priority. The key maps in the top right corner of the page depict the location of the community described for new construction projects. The light-shaded areas represent all the new and developing communities in Calgary.

The following tables provide a summary of the new school construction and major modernization projects recommended for funding and these are identified on **Map 5 and Map 6**.

Table 1: New School Construction			
Three-Year School Capital Plan 2014-2017 Priorities			
Priority Ranking – Project Description			
YEAR 1			
Community/School	Grade	Project Type	2013 Cost (\$)
C-1 Christine Meikle School	Gr. 7-12	New School	24,000,000
C-2 Panorama Hills Elementary ⁽²⁾	K-4	New School	14,000,000
C-3 Tuscany Elementary ⁽²⁾	K-4	New School	14,000,000
C-4 New Brighton/Copperfield Middle	Gr. 5-9	New School	24,000,000
C-5 Auburn Bay Elementary	K-4	New School	14,000,000
C-6 McKenzie Towne Middle	Gr. 5-9	New School	24,000,000
C-7 Evergreen Middle	Gr. 5-9	New School	24,000,000
C-8 Cranston Middle	Gr. 5-9	New School	24,000,000
C-9 Springbank Hill Elementary	K-4	New School	14,000,000
C-10 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	24,000,000
C-11 Southeast Calgary High	Gr. 10-12	New School	50,000,000
YEAR 1 TOTAL			250,000,000
Table 1: New School Construction			
Three-Year School Capital Plan 2014-2017 Priorities			
Priority Ranking – Project Description			
YEAR 2			
Community/School	Grade	Project Type	2013 Cost (\$)
C-12 Saddle Ridge Elementary ⁽²⁾	K-4	New School	14,000,000
C-13 Cougar Ridge Elementary	K-4	New School	14,000,000
C-14 Martindale Elementary ⁽²⁾	K-4	New School	14,000,000
C-15 Harvest Hills/Country Hills Elementary/Middle	K-9	New School	24,000,000
C-16 Silverado Elementary	K-4	New School	14,000,000
C-17 Aspen Woods Elementary	K-4	New School	14,000,000
C-18 Stampede Youth Campus	Gr. 10-12	New School	22,000,000
YEAR 2 TOTAL			116,000,000
YEAR 3			
Community/School	Grade	Project Type	2013 Cost (\$)
C-19 Evanston Middle	Gr. 5-9	New School	24,000,000
C-20 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	24,000,000
C-21 Signal Hill Middle	Gr. 5-9	New School	24,000,000
C-22 North Calgary High	Gr. 10-12	New School	50,000,000
C-23 Kincora Elementary	K-4	New School	14,000,000
C-24 Skyview Ranch Elementary	K-4	New School	14,000,000
C-25 Evergreen ⁽²⁾ Elementary	K-4	New School	14,000,000
YEAR 3 TOTAL			164,000,000
GRAND TOTAL			530,000,000

Note: ⁽²⁾ = second elementary school for the community

Number of Years Listed in Capital Plan
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Number of Years Listed in Capital Plan
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Table 2: School Major Modernizations				
Three-Year School Capital Plan 2014-2017 Priorities				
Priority Ranking – Project Description				
YEAR 1				
Community/School		Grade	Project Type	2013 Cost (\$)
M-1	Aboriginal Family Community School (H.W. Riley)	Pre K-9	Major Modernization	16,000,000
M-2	Jack James - CTS Program	Gr. 10-12	Major Modernization	13,000,000
M-3	Bowness High - CTS Program	Gr. 10-12	Major Modernization	20,000,000
M-4	Kingsland Centre - Chinook Learning Services	Gr. 10-12	Major Modernization	9,000,000
M-5	James Fowler - CTS Program & Chinook Learning Services	Gr. 10-12	Major Modernization	15,000,000
M-6	Lord Beaverbrook - CTS Program	Gr. 10-12	Major Modernization	25,000,000
M-7	Forest Lawn - CTS Program	Gr. 10-12	Major Modernization	15,000,000
M-8	John Diefenbaker - CTS Program	Gr. 10-12	Major Modernization	15,000,000
M-9	Nickle School	Gr. 5-9	Major Modernization	12,000,000
M-10	Altadore School	K-6	Major Modernization	9,000,000
M-11	Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000
M-12	A.E. Cross School	Gr. 7-9	Major Modernization	16,000,000
M-13	Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000
M-14	Woodman School	Gr. 5-9	Major Modernization	14,000,000
YEAR 1 TOTAL				203,000,000
YEAR 2				
Community/School		Grade	Project Type	2013 Cost (\$)
M-15	Dr. J.K. Mulloy School	K-6	Major Modernization	10,000,000
M-16	Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000
M-17	Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000
M-18	Robert Warren School	Gr. 5-9	Major Modernization	5,000,000
M-19	Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000
YEAR 2 TOTAL				60,000,000
YEAR 3				
Community/School		Grade	Project Type	2013 Cost (\$)
M-20	Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000
M-21	Fairview School	Gr. 5-9	Major Modernization	14,000,000
M-22	Colonel Irvine School	Gr. 7-9	Major Modernization	12,000,000
M-23	Sherwood School	Gr. 5-9	Major Modernization	15,000,000
M-24	Louis Riel School	K-9	Major Modernization	15,000,000
YEAR 3 TOTAL				67,000,000
GRAND TOTAL				330,000,000

Number of Years Listed in Capital Plan
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Table 3: New School Construction and Major Modernizations				
Year 1: 2014-2015 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School		Grade	Project Type	2013 Cost (\$)
1	Christine Meikle School	Gr. 7-12	New School	24,000,000
2	Aboriginal Family Community School (H.W. Riley)	Pre K-9	Major Modernization	16,000,000
3	Jack James - CTS Program	Gr. 10-12	Major Modernization	13,000,000
4	Bowness High - CTS Program	Gr. 10-12	Major Modernization	20,000,000
5	Kingsland Centre - Chinook Learning Services	Gr. 10-12	Major Modernization	9,000,000
6	James Fowler - CTS Program & Chinook Learning Services	Gr. 10-12	Major Modernization	15,000,000
7	Panorama Hills Elementary ⁽²⁾	K-4	New School	14,000,000
8	Tuscany Elementary ⁽²⁾	K-4	New School	14,000,000
9	New Brighton/Copperfield Middle	Gr. 5-9	New School	24,000,000
10	Auburn Bay Elementary	K-4	New School	14,000,000
11	McKenzie Towne Middle	Gr. 5-9	New School	24,000,000
12	Evergreen Middle	Gr. 5-9	New School	24,000,000
13	Cranston Middle	Gr. 5-9	New School	24,000,000
14	Lord Beaverbrook - CTS Program	Gr. 10-12	Major Modernization	25,000,000
15	Forest Lawn - CTS Program	Gr. 10-12	Major Modernization	15,000,000
16	John Diefenbaker - CTS Program	Gr. 10-12	Major Modernization	15,000,000
17	Springbank Hill Elementary	K-4	New School	14,000,000
18	West Springs/Cougar Ridge Middle	Gr. 5-9	New School	24,000,000
19	Southeast Calgary High School	Gr. 10-12	New School	50,000,000
20	Nickle School	Gr. 5-9	Major Modernization	12,000,000
21	Altadore School	Gr. K-6	Major Modernization	9,000,000
22	Senator Patrick Burns School	Gr. 5-9	Major Modernization	13,000,000
23	A.E. Cross School	Gr. 7-9	Major Modernization	16,000,000
24	Sir Wilfrid Laurier School	Gr. 5-9	Major Modernization	11,000,000
25	Woodman School	Gr. 5-9	Major Modernization	14,000,000
Year 1 Total				453,000,000

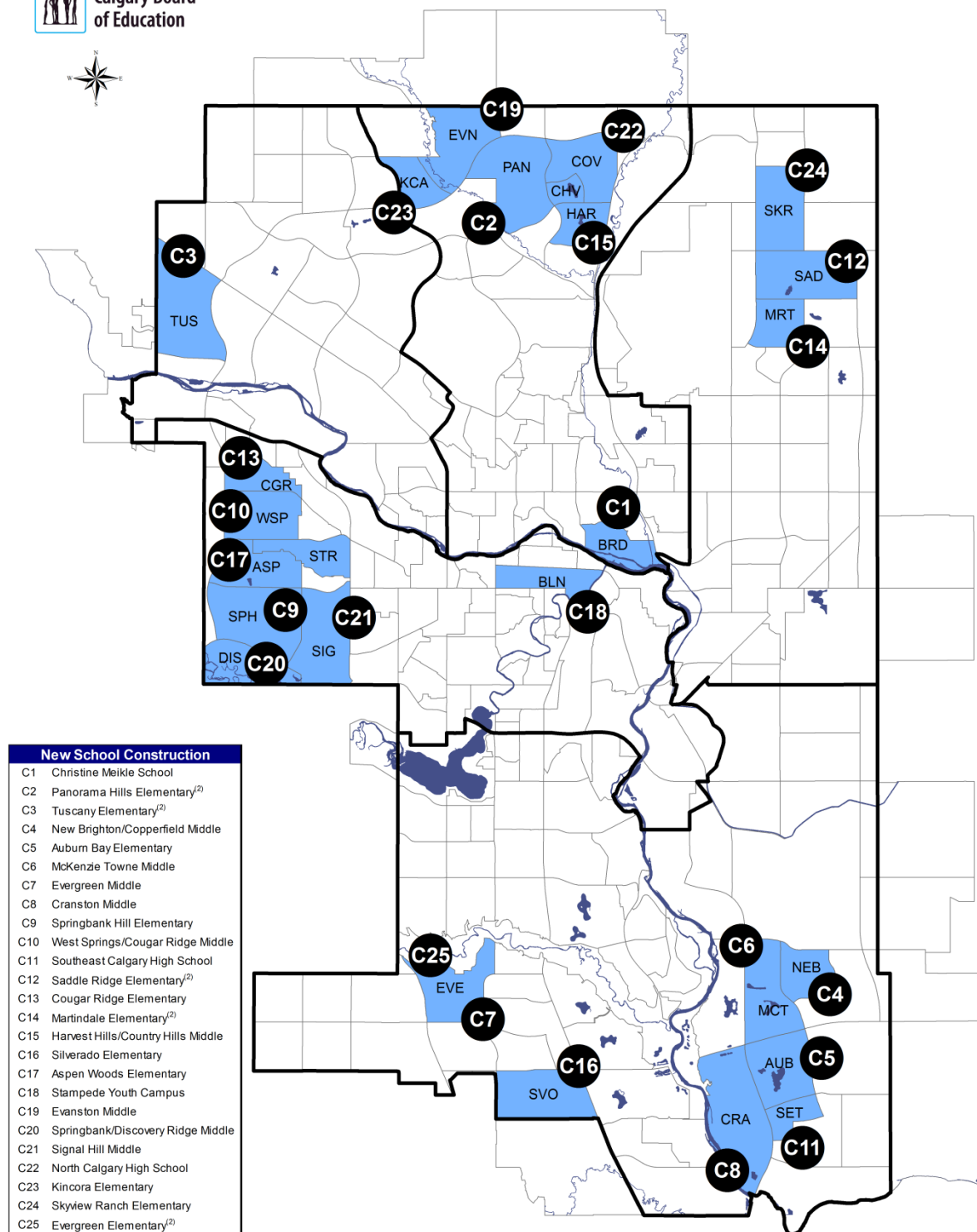
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Table 3: New School Construction and Major Modernizations				
Year 2 : 2015-2016 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2013 Cost (\$)	
26 Saddle Ridge Elementary ⁽²⁾	K-4	New School	14,000,000	
27 Cougar Ridge Elementary	K-4	New School	14,000,000	
28 Martindale (2) Elementary	K-4	New School	14,000,000	
29 Dr. J.K. Mulloy School	Gr. K-6	Major Modernization	10,000,000	
30 Henry Wise Wood High School	Gr. 9-12	Major Modernization	20,000,000	
31 Simon Fraser School	Gr. 5-9	Major Modernization	13,000,000	
32 Harvest Hills/Country Hills Elementary/Middle	K-9	New School	24,000,000	
33 Silverado Elementary	K-4	New School	14,000,000	
34 Robert Warren School	Gr. 5-9	Major Modernization	5,000,000	
35 Sir John A. MacDonald School	Gr. 7-9	Major Modernization	12,000,000	
36 Aspen Woods Elementary	K-4	New School	14,000,000	
37 Stampede Youth Campus	Gr. 10-12	New School	22,000,000	
Year 2 Total			176,000,000	
Year 3: 2016-2017 School Capital Plan Priorities				
Priority Ranking – Project Description				
Community/School	Grade	Project Type	2013 Cost (\$)	
38 Evanston Middle	Gr. 5-9	New School	24,000,000	
39 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	24,000,000	
40 Signal Hill Middle	Gr. 5-9	New School	24,000,000	
41 North Calgary High	Gr. 10-12	New School	50,000,000	
42 Thomas B. Riley School	Gr. 5-9	Major Modernization	11,000,000	
43 Fairview School	Gr. 5-9	Major Modernization	14,000,000	
44 Colonel Irvine School	Gr. 7-9	Major Modernization	12,000,000	
45 Sherwood School	Gr. 5-9	Major Modernization	15,000,000	
46 Louis Riel School	K-9	Major Modernization	15,000,000	
47 Kincora Elementary	K-4	New School	14,000,000	
48 Skyview Ranch Elementary	K-4	New School	14,000,000	
49 Evergreen ⁽²⁾ Elementary	K-4	New School	14,000,000	
Year 3 Total			231,000,000	
GRAND TOTAL			860,000,000	

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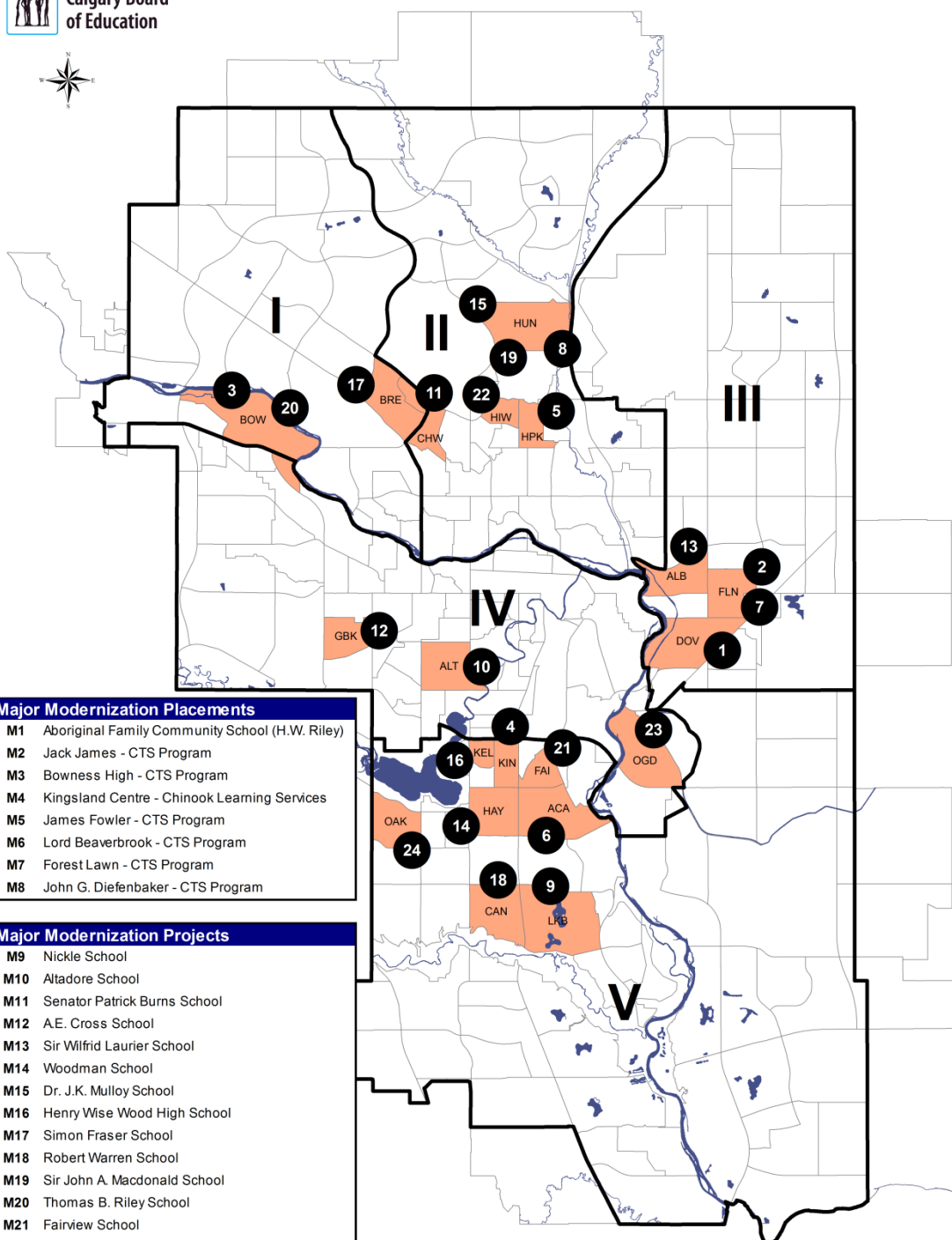
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2014-2017 - New School Construction Projects

Calgary Board
of Education

Prepared by: Planning, Transportation and Environmental Services
May 14, 2013
Map: New School Construction Projects.mxd

2014-2017 – Major Modernization Projects



Major Modernization Placements	
M1	Aboriginal Family Community School (H.W. Riley)
M2	Jack James - CTS Program
M3	Bowness High - CTS Program
M4	Kingsland Centre - Chinook Learning Services
M5	James Fowler - CTS Program
M6	Lord Beaverbrook - CTS Program
M7	Forest Lawn - CTS Program
M8	John G. Diefenbaker - CTS Program

Major Modernization Projects	
M9	Nickle School
M10	Altadore School
M11	Senator Patrick Burns School
M12	A.E. Cross School
M13	Sir Wilfrid Laurier School
M14	Woodman School
M15	Dr. J.K. Mulloy School
M16	Henry Wise Wood High School
M17	Simon Fraser School
M18	Robert Warren School
M19	Sir John A. Macdonald School
M20	Thomas B. Riley School
M21	Fairview School
M22	Colonel Irvine School
M23	Sherwood School
M24	Louis Riel School

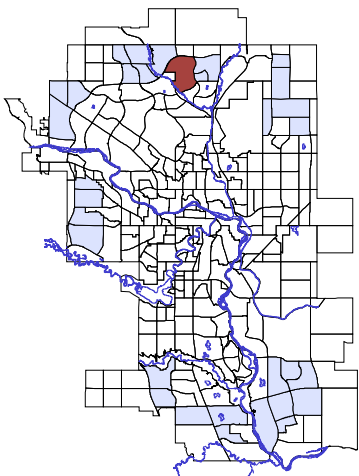
Prepared by: Planning, Transportation and Environmental Services
May 14, 2013
Map: Major Modernization Projects.mxd

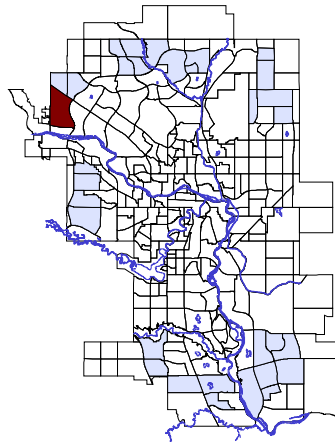
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-1 Christine Meikle	
School Community / Enrolment Profile	
The current Christine Meikle School facility is located in the community of Bridgeland/Riverside, and is presently leased from the City of Calgary. This program functions as a unique setting for students with severe and complex needs. The program draws junior/senior high school students (ages 12 to 19) from all areas of Calgary. The curriculum includes development of communication skills, sensory-motor skills, functional academics, work experience and pre-vocational abilities, travel training, and adaptive physical education. A personalized progressive curriculum is implemented based on the individual needs of each student. Instructional accommodations may include the use of assistive technology, augmentative communication systems and individual small group instruction. The staff, students, and their families also receive consultative support from Regional, Educational, Assessment and Consultation Services (REACH) for program development. The new school considers a student population of 90 to 125 students with a weighted enrolment of 375 (by 2018): - four classes (25 +/-) non-ambulatory emerging pod/developing pod students - six classes (40 +/-) ambulatory developing pod students - five classes (35 +/-) ambulatory maturing pod students (including space for higher functioning Autism Spectrum Disorder students from the Communication, Sensory and Social Interaction program).	
Facility Description	
Due to the size and condition of the current leased building that is being used, a long-term dedicated facility is required for the school program in a new facility.	

Projected Enrolment (2013 – 2021)

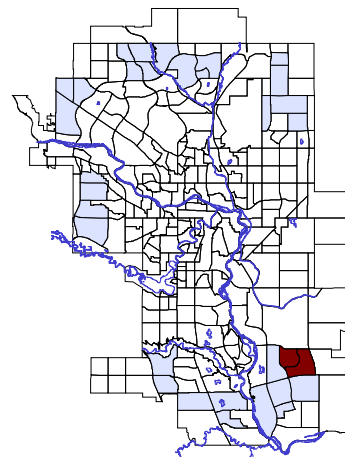
Year	GR7	GR8	GR9	GR10	GR11	GR12	19 YRS	20 YRS	21YRS	Total GR7 to Age 21
2012	3	13	11	17	14	18				76
2013	8	10	16	18	18	18				88
2014	12	14	12	18	20	20	18			114
2015	13	15	16	14	19	20	20	18		135
2016	16	15	17	20	16	21	20	20	18	163
2017	16	19	18	20	21	17	21	20	20	172
2018	17	20	22	21	21	23	18	21	20	183
2019	17	20	23	26	22	23	23	18	21	193
2020	18	21	24	27	27	24	23	23	18	205
2021	19	22	24	28	29	30	24	23	23	222

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-1 Christine Meikle	
Recommendation	
The proposed new school facility for the current Christine Meikle program will consider a student population for up to 125 students by 2018. Because of the needs of each the student and staff member, the focus of this special education program, considering the cross-over it has with special needs/medical requirements, will create a state-of-art sustainable facility. This new school facility will incorporate more than just barrier-free accessibility, but focus on the key aspect of open space and flow. The open spaces and special dedicated rooms will function to meet the specific needs of both students and staff. The required estimated space for the facility is approximately 4000 m². The new school facility will consider the following aspects: ▪ Appropriate site: the sought site should be one that is flat/level with ample space for loading and unloading of buses; provides adequate on-site parking; vehicle flow and turn around space; playground and open space amenities (i.e.: naturalization areas). ▪ Structurally appropriate facility: single storey structure with high walls to create internal open spaces that are visually pleasing and observable; sound barrier materials will be incorporated; rooms will have access to natural lighting. Such a facility will require load bearing elements to accommodate both health care and mobility equipment. ▪ Architectural components will provide: a covered exterior entrance way for vehicle pick-up/drop-off; large exterior windows and doors for natural light and access. The facility will accommodate space for water therapy; work experience and life skills training; recreational/play spaces (both internal and external). There will be dedicated rooms for: education training, behavioral management, administration, care-providing, medical provision services, etc. ▪ Interior spaces are to be large and functional. Hallways and corridors are to be broad and open to allow for both people and equipment flow. Ample storage and resource areas will be provided for. There will be dedicated sensory rooms for educational and recreational applications. ▪ Mechanical systems are to include: high volume HVAC systems for rapid air exchange, cooling and heating; mechanical rooms and service areas will be segregated from the operational aspects of the facility; large enough to accommodate water therapy (swimming pools, etc.); LEED elements will be incorporated in the facility. ▪ Electrical systems are to include: state of the art monitoring systems; sensory lighting systems with LEED elements; applicable sound and communication systems; electrical components to provide services and mobility (ie; chair lifts, hoists, etc.). The total project cost is estimated to be \$24,000,000.	

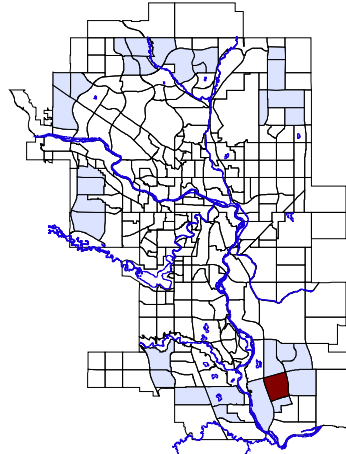
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-2 Panorama Hills Elementary ⁽²⁾	
School Community Profile	
Panorama Hills Community began development in 1996 and is located north of Coventry Hills Boulevard and west of Harvest Hills Boulevard NW. - As of the April 2012 Census, the total number of occupied dwelling units in Panorama Hills was 6,949 with a population of 22,247. - The community is planned for an estimated 8,219 housing units with a population capacity of 23,500 to 24,700. - The community had an average annual population growth of 1,934 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 1,312 public declared preschool aged children. - As of September 30, 2012, there were 1,122 Kindergarten to Grade 4 students residing in Panorama Hills who attended CBE schools.	
Site Planning and Transportation	
- Panorama Hills K-3 students are currently accommodated in Panorama Hills School, with a capacity of 603 student spaces. There is one additional elementary school site in Panorama Hills. - Captain Nichola Goddard School for Grades 4-9 opened in the 2012-2013 school year. - Based upon projected student growth a second bus receiver school will be needed within two years.	
Recommendation	
- Construct a core elementary Grades K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - Panorama Hills School (K-Grade 3) is located in the southerly portion of Panorama Hills community. The site in the north will accommodate long-term enrolment growth for elementary students. - The total project cost is budgeted at \$14 million.	

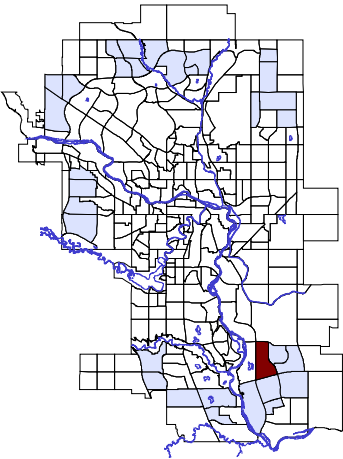
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-3 Tuscany Elementary ⁽²⁾	
School Community Profile	
Tuscany Community began development in 1995 and is situated in the northwest, south of Crowchild Trail and west of Stoney Trail. - As of the April 2012 Census, the total number of occupied dwelling units was 6,396 with a population of 19,013. - The community is planned for an estimated 6,570 housing units with a population capacity of 19,100. - The community has had an average annual population growth of 247 persons during the past three-year period. 	
Enrolment Profile	
- As of the April 2012 Census, there were 1,402 public declared preschool-aged children in Tuscany. - As of September 30, 2012, there were 1,199 Kindergarten to Grade 4 students residing in the Tuscany community that attended CBE schools. There is a strong demand for a second elementary school in Tuscany.	
Site Planning and Transportation	
- There is an elementary K-Grade 3 school located within the south half of Tuscany community, with a capacity of 612 student spaces. The north elementary site would be used for the second elementary school. - Twelve Mile Coulee School for Grades 4-9 opened in the 2012-2013 school year. - Based upon projected student growth, a second bus receiver school will be needed within two years.	
Recommendation	
- Construct a core elementary K-Grade 4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - Tuscany School (K-Grade 3) is located in the southerly portion of Tuscany community. The site in the north will accommodate long-term enrolment growth for elementary students. - The total project cost is budgeted at \$14 million.	

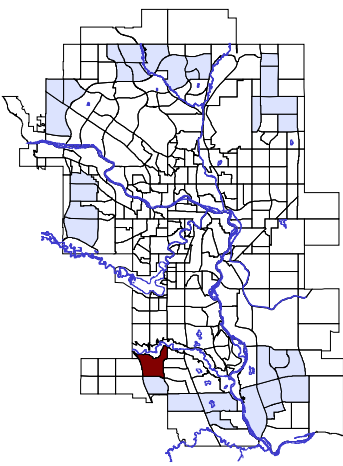
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-4 New Brighton/Copperfield Middle	
School Community Profile	
New Brighton Community began development in 2002 and is situated in the southwest, north of McIvor Boulevard SE, south of 130 Avenue SE and east of 52 Street SE. - As of the April 2012 Census, the total number of occupied dwelling units was 2,927 with a population of 8,303. The community is planned for an estimated 4,282 housing units with a population capacity of 11,500 to 12,000. - The community had an average annual population growth of 1,054 persons during the past three-year period. Copperfield Community began development in 2002 and is located in the southwest, north of Marquis of Lorne TR SE and south of 130 Avenue SE. - As of the April 2012 Census, the total number of occupied dwelling units was 2,765 with a population of 7,834. The community is planned for an estimated 5,202 housing units with a population capacity of 12,600 to 13,300. - The community had an average annual population growth of 742 persons during the past three-year period.	
Enrolment Profile	
- As of September 30, 2012, there were 319 Kindergarten to Grade 4 students and 231 Grades 5-9 students residing in the New Brighton community who attended CBE schools. - As of September 30, 2012, there were 284 Kindergarten to Grade 4 students and 232 Grades 5-9 students residing in the Copperfield community who attended CBE schools.	

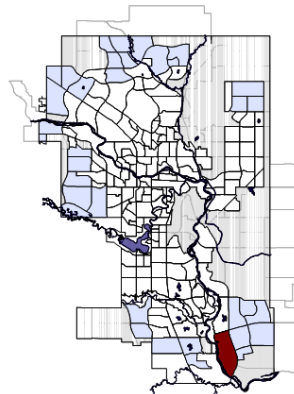


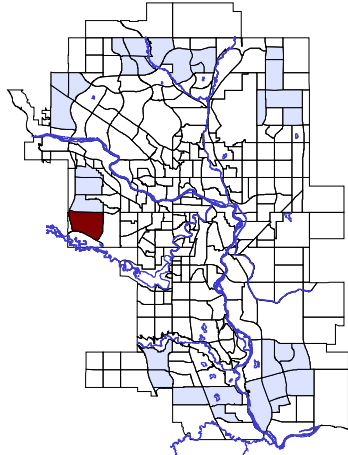
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-4 New Brighton/Copperfield Middle	
Site Planning and Transportation	
- There is one elementary site and one middle school site in the New Brighton community and one elementary school site located in the Copperfield community. The new middle school will be located on the middle school site in New Brighton. - New Brighton middle school students are bussed to David Thompson School, which is located in the Acadia community in Area V. Copperfield middle school students are bussed to R.T. Alderman School, which is located in the Maple Ridge community. Median travel time to David Thompson School and R.T. Alderman School is 28 minutes.	
Recommendation	
- Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$24 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-5 Auburn Bay Elementary	
School Community Profile	
Auburn Bay Community began development in 2005 and is located south of Marquis of Lorne Trail SE and east of Deerfoot Trail SE. - As of the April 2012 Census, the total number of occupied dwelling units in Auburn Bay was 2,467 with a population of 7,193. - The community is planned for an estimated 6,867 housing units with a population capacity of 17,200 to 18,100. - The community had an average annual population growth of 1,242 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 556 public declared preschool-aged children. - As of September 30, 2012, there were 290 Kindergarten to Grade 4 students residing in Auburn Bay that attended CBE schools.	
Site Planning and Transportation	
- There are two elementary sites and one middle school site in Auburn Bay. - Auburn Bay elementary students are currently accommodated in Andrew Sibbald School, which is located in the Lake Bonavista community in Area V. Median travel time to Andrew Sibbald School is 28 minutes.	
Recommendation	
- Construct a core elementary school Kindergarten to Grade 4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - The total project cost is budgeted at \$14 million, including the construction of the new relocatable units.	

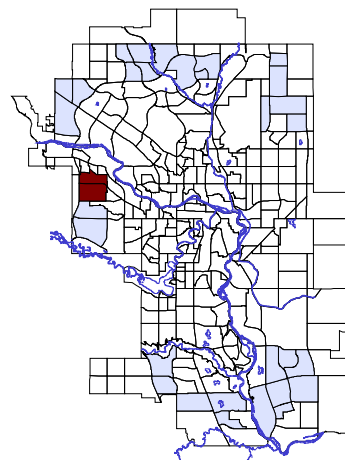
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-6 McKenzie Towne Middle	
School Community Profile	
McKenzie Towne Community began development in 1995 and is located north of Marquis of Lorne Trail between Deerfoot Trail and 52 Street SE. - As of the April 2012 Census, the total number of occupied dwelling units was 6,308 with a population of 16,102. - The community is planned for an estimated 7,255 housing units with a population capacity of 17,000 to 17,900. - The community had an average annual population growth of 678 persons during the past three-year period.	
	
Enrolment Profile	
As of September 30, 2012, there were 671 Kindergarten to Grade 4 and 394 Grades 5-9 students residing in the McKenzie Towne community who attended CBE schools.	
Site Planning and Transportation	
- McKenzie Towne School (K - 4) opened January 2010. There is one middle school site in McKenzie Towne. - McKenzie Towne students are currently bussed to David Thompson School (Grades 5-9), which is located in the Acadia community in Area V. Median travel time to David Thompson School is 35 minutes.	
Recommendation	
- Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$24 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-7 Evergreen Middle	
School Community Profile	
Evergreen Community began development in 1990 and is situated approximately 3 kilometers west of Macleod Trail South between 146 Avenue SW and 162 Avenue SW. - As of the April 2012 Census, the total number of occupied dwelling units was 6,766 with a population of 20,110. - The community is planned for an estimated 7,457 housing units with a population capacity of 20,600 to 21,700. - The community had an average annual population growth of 654 persons during the past three-year period.	
	
Enrolment Profile	
As of September 30, 2012, there were 630 Kindergarten to Grade 4 and 580 Grades 5-9 students residing in the Evergreen community (includes Evergreen Estates) who attended CBE schools.	
Site Planning and Transportation	
- Evergreen School (K-4) opened for the 2010-2011 school year. There is one additional elementary site and one middle school site in Evergreen. - Evergreen Grades 5-9 students are currently bussed to Woodman School, which is located in the Haysboro community in Area V. Median travel time to Woodman School is 24 minutes.	
Recommendation	
- Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$24 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

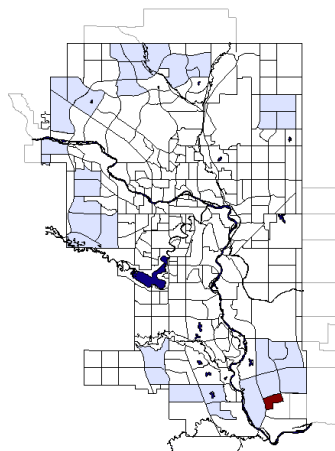
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-8 Cranston Middle	
School Community Profile	
Cranston Community began development in 1999 and is located south of Marquis of Lorne Trail SE and west of Deerfoot Trail SE. - As of the April 2012 Census, the total number of occupied dwelling units was 4,139 with a population of 11,857. - The community is planned for an estimated 8,641 housing units with a population capacity of 22,000 to 23,100. - The community had an average annual population growth of 906 persons during the past three-year period. 	
Enrolment Profile	
As of September 30, 2012, there were 601 Kindergarten to Grade 4 and 364 Grades 5-9 students residing in the Cranston community who attended CBE schools.	
Site Planning and Transportation	
- Cranston School (K-4) opened January 2010. There is one middle school site in Cranston and one more elementary site. - Cranston students are currently bussed to Nickle School (Grades 5-9), which is located in the Lake Bonavista community in Area V. Median travel time to Nickle School is 35 minutes.	
Recommendation	
- Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$24 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

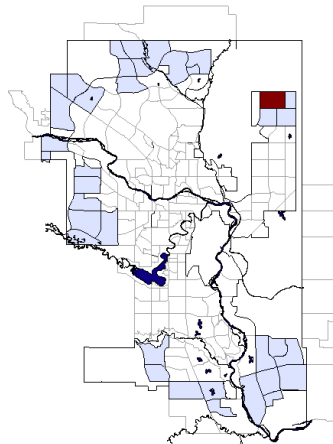
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-9 Springbank Hill Elementary	
School Community Profile	
Springbank Hill Community began development in 1997 and is located in the West sector of the City, south of Aspen Woods, west of 69 Street SW., north of Glenmore Trail and east of the City Limits. - As of the April 2012 Census, the total number of occupied dwelling units in Springbank Hill was 2,996 with a population of 8,783. - The community is planned for an estimated 4,820 housing units with a population capacity of 13,300 to 14,000. - The community had an average annual population growth of 303 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 445 public declared preschool-aged children. - As of September 30, 2012, there were 323 Kindergarten to Grade 4 students residing in Springbank Hill who attended CBE schools.	
Site Planning and Transportation	
- There is one elementary site and one middle site in Springbank Hill. - Ernest Manning High School is in Springbank Hill and opened for the 2011-2012 school year. - Springbank Hill students are currently accommodated in Battalion Park School located in the Signal Hill community in Area IV and Glenbrook School located in the community of Glenbrook in Area IV. Median travel time for Battalion Park School and Glenbrook School is 17 minutes.	
Recommendation	
- Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - The total project cost is budgeted at \$14 million.	

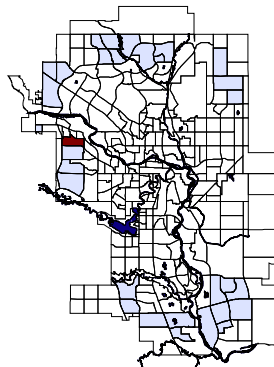
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-10 West Springs/Cougar Ridge Middle	
School Community Profile	
West Springs Community began development in 1999 and is situated north of Aspen Woods at 12 Avenue SW, east of the city limits, south of the Cougar Ridge community and west of the Coach Hill community. - As of the April 2012 Census, the total number of occupied dwelling units was 2,668 with a population of 8,228. The community is planned for an estimated 4,956 housing units with a population capacity of 13,200 to 13,900. - The community had an average annual population growth of 525 persons during the past three-year period. Cougar Ridge Community began development in 2000 and is located in the West sector of the city, north of the Old Banff Coach Road, west of 69 Street SW, south of Canada Olympic Park and east of the City Limits. - As of the April 2012 Census, the total number of occupied dwelling units was 1,878 with a population of 5,874. The community is planned for an estimated 2,640 housing units with a population capacity of 7,500. - The community had an average annual population growth of 116 persons during the past three-year period.	
Enrolment Profile	
- As of September 30, 2012, there were 435 Kindergarten to Grade 4 students and 259 Grades 5-9 students residing in the West Springs community who attended CBE schools. - As of September 30, 2012, there were 233 Kindergarten to Grade 4 students and 170 Grades 5-9 students residing in the Cougar Ridge community who attended CBE schools.	

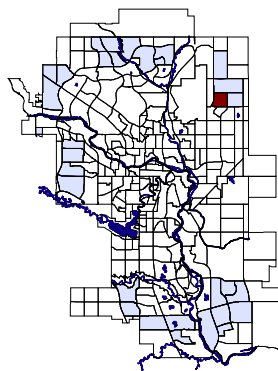


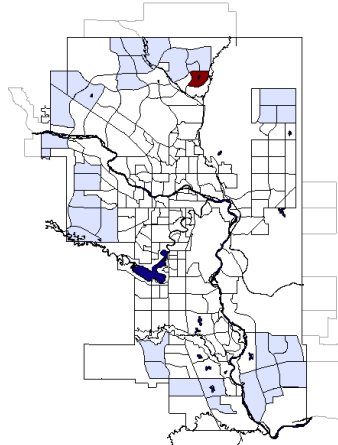
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-10 West Springs/Cougar Ridge Middle	
Site Planning and Transportation	
- West Springs School (K-6) opened for the 2010-2011 school year. There is one elementary site and one middle school site in West Springs; both on the same site. The two communities can support one middle school. There is one elementary site in Cougar Ridge. - Based upon projected student growth a second bus receiver school will be needed within two years for Cougar Ridge. - West Springs and Cougar Ridge Grades 7-9 students are bussed to Vincent Massey School, which is located in the Westgate community in Area IV. Median travel time to Vincent Massey School is 19 minutes.	
Recommendation	
- Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$24 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-11 Southeast Calgary High	
School Community Profile	
The Southeast High School will serve the residents of the developing and established southeast communities south and north of Highway 22X and east of the Bow River. - Southeast students attend Lord Beaverbrook High, Dr. E.P. Scarlett and Henry Wise Wood High. The closest high school, Centennial High, is full and accommodates communities in the south. - A 25 acre senior high school site is located in the Seton community near the new southeast hospital. A future city recreation centre is on the same site.	
	
Enrolment Profile	
- Area V is comprised of Sector 8 and 9 and has a utilization rate by residence of 101%. Sector 9, consisting of new communities has a utilization rate of 242% by residence. - Centennial High School has a utilization rate by enrolment of 105% and cannot accommodate southeast communities. - Lord Beaverbrook High School has a provincial capacity of 2,415 student spaces and a utilization rate by enrolment of 82%. Currently, five new and developing southeast communities are designated to this school. Auburn Bay and Mahogany cannot be accommodated in the long term and are directed to other high schools. - Dr. E.P. Scarlett High School has a net capacity of 1760 student spaces for a utilization rate by enrolment of 99%. - The five communities north of Highway 22X currently have 1,278 students attending CBE high schools for Grades 10 -12. These three communities south of Highway 22X currently have 289 students attending CBE high schools for Grades 10 -12. Henry Wise Wood High School is a long bus ride for Mahogany students.	
Site Planning and Transportation	
Communities in the southeast are bussed to three different Area V schools.	
Recommendation	
- Construct a senior high school for 1,800 Grades 10-12 students. - The total project cost is budgeted at \$50 million, including the CTS space allowance and an allowance for CTS equipment in the amount of \$400,000.	

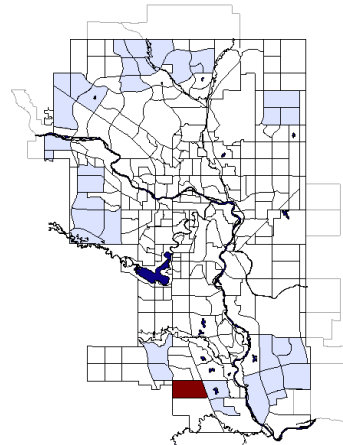
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-12 Saddle Ridge Elementary ⁽²⁾	
School Community Profile	
Saddle Ridge Community began development in 2000 and is situated in the northeast sector of the city immediately west of 68 Street NE and north of the Martindale community. - As of the April 2012 Census, the total number of occupied dwelling units was 3,585 with a population of 14,372. - The community is planned for an estimated 8,253 housing units with a population capacity of 23,600 to 24,900. - The community has had an average annual population growth of 706 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 896 public declared preschool-aged children in Saddle Ridge. - As of September 30, 2012, there were 724 Kindergarten to Grade 4 students residing in the Saddle Ridge community that attended CBE schools. There will be a strong demand over time for a second elementary school in Saddle Ridge as the community builds out.	
Site Planning and Transportation	
- There is an elementary K-3 school located within the central portion of Saddle Ridge community, with a capacity of 550 student spaces. Grade 4's cannot be accommodated and are bused to Colonel Macleod School with the Grade 5 - 9's. - There is a middle school site in Saddle Ridge in the west part of the community. The east elementary site would be used for the second elementary school. - Based upon projected student growth a second bus receiver school will be needed within two years.	
Recommendation	
- Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - The east elementary site will accommodate long-term enrolment growth for elementary students. - The total project cost is budgeted at \$14 million.	

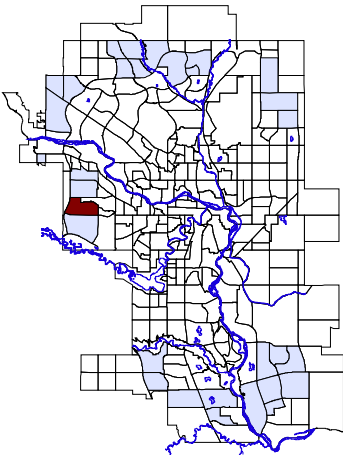
5.0	2014-2017 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-13 Cougar Ridge Elementary	
School Community Profile	
▪ Cougar Ridge Community began development in 2000 and is situated in southwest Calgary, south of Canada Olympic Road SW. ▪ As of the April 2012 Census, the total number of occupied dwelling units in Cougar Ridge was 1,878 with a population of 5,874. ▪ The community is planned for an estimated 2,640 housing units with an estimated population capacity of 7,500. ▪ The community had an average annual population growth of 116 persons during the past three-year period.	
	
Enrolment Profile	
▪ As of the April 2012 Census, there were 394 public declared preschool-aged children. ▪ As of September 30, 2012, there were 233 Kindergarten to Grade 4 students residing in Cougar Ridge that attended CBE Schools.	
Site Planning and Transportation	
▪ There is one elementary school site in Cougar Ridge. ▪ Cougar Ridge students are currently bussed to Wildwood Elementary, which is located in the Wildwood community in Area IV. Median travel time to Wildwood is 20 minutes.	
Accommodation Planning	
▪ Construct a core elementary K-4 school for 300 students complete with space to support a relocatable addition for 300 students in four units. The capacity of the school will be 600 student spaces. ▪ The total project cost is budgeted at \$14 million.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-14 Martindale Elementary	
School Community Profile	
- The Martindale Community began development in 1983 and is located in the northeast sector of the City, immediately east of the Martindale community, south of 80 Avenue NE and north of the communities of Falconridge and Coral Springs. - As of the April 2012 Census, the total number of occupied dwelling units in Martindale was 3,776 with a population of 13,674. - The community had an average annual population growth of 423 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 845 public declared preschool-aged children. - As of September 30, 2012, there were 851 Kindergarten to Grade 4 students residing in the Martindale community that attended CBE schools. There is a demand for a stand-alone elementary school in Martindale.	
Site Planning and Transportation	
- There is one elementary/junior high school (Crossing Park School), one elementary site and one senior high site in Martindale. Crossing Park School (K-9) has a capacity of 1,129 students. - Not all elementary students can be accommodated in Crossing Park School. Martindale elementary students are bussed to Grant MacEwan Elementary located in the Falconridge community. Median travel time to Grant MacEwan is 10 minutes.	
Recommendation	
- Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - Once the new elementary school is constructed, Crossing Park School will be reconfigured to become a middle school that will serve the Martindale community. The two schools will operate as separate schools with appropriate grade configurations to accommodate student demand. - The total project cost is budgeted at \$14 million.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-15 Harvest Hills/Country Hills Elementary/Middle	
School Community Profile	
Harvest Hills Community began development in 1990 and is located south of Country Hills Boulevard NW and east of Harvest Hills Boulevard NW. - As of the April 2012 Census, the total number of occupied dwelling units was 2,538 with a population of 7,402. The population has been stable the past three years. Country Hills Community began development in 1990 and is located south of Country Hills Boulevard NW and west of Harvest Hills Boulevard NW. - As of the April 2012 Census, the total number of occupied dwelling units was 1,408 with a population of 3,728. The population has been stable the past three years.	
	
Enrolment Profile	
- As of September 30, 2012, there were 129 Kindergarten to Grade 4 students and 217 Grades 5-9 students residing in the Harvest Hills community who attended CBE schools. - As of September 30, 2012, there were 126 Kindergarten to Grade 4 students and 143 Grades 5-9 students residing in the Country Hills community who attended CBE schools.	
Site Planning and Transportation	
- There is an elementary/middle site in Harvest Hills. Due to the size of the two communities a combined elementary/middle K-9 school is recommended. - Harvest Hills K-4 students are bussed to North Haven School and median travel time is 30 minutes. Country Hills K-4 students are bussed to Alex Munro School and median travel time is 22 minutes. - Harvest Hills Grades 5-9 students are bussed to Colonel Irvine School and median travel time is 30 minutes. Country Hills North Grades 5-9 students are bussed to Colonel Irvine School and median travel time is 21 minutes. Country Hills South Grades 5-9 students are bussed to Simon Fraser School and median travel time is 30 minutes.	

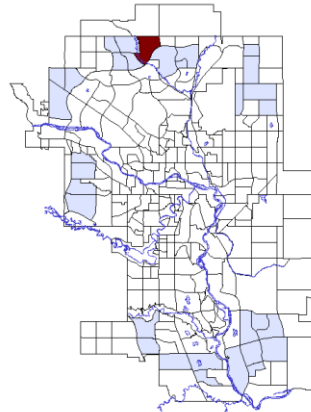
5.0	2014-2017 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-15 Harvest Hills/Country Hills Elementary/Middle	
Recommendation	
- Construct an elementary/ middle school for 500 Kindergarten - Grade 9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$ 24 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New School Construction	
Priority C-16 Silverado Elementary	
School Community Profile	
Silverado Community began development in 2005 and is located south of Highway 22X, east of Spruce Meadows and west of MacLeod Trail SW. - As of the April 2012 Census, the total number of occupied dwelling units was 1,715 with a population of 5,136. - The community is planned for an estimated 6,145 housing units with a population capacity of 16,000 to 16,800. - The community had an average annual population growth of 839 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 352 public declared preschool-aged children. - As of September 30, 2012, there were 168 Kindergarten to Grade 4 students residing in the Silverado community who attended CBE schools.	
Site Planning and Transportation	
Silverado students are currently bussed to Ethel M. Johnson School, which is located in the Southwood community. Travel time to Ethel M. Johnson is 27 minutes.	
Recommendation	
- Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - The total project cost is budgeted at \$14 million.	

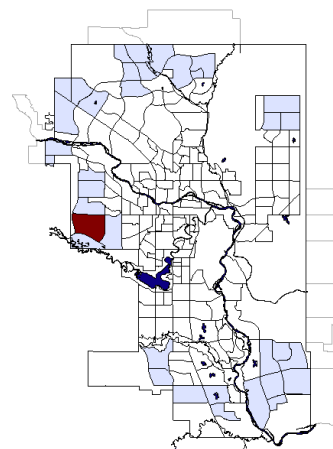
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-17 Aspen Woods Elementary	
School Community Profile	
Aspen Woods Community began development in 2001 and is located north of 17 Avenue SE, south of 12 Avenue SE, west of 69 Street SE, and east of the City Limits. - As of the April 2012 Census, the total number of occupied dwelling units was 1,751 with a population of 5,271. - The community is planned for an estimated 4,150 housing units with a population capacity of 10,600 to 11,200. - The community had an average annual population growth of 814 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 293 public declared preschool-aged children. - As of September 30, 2012, there were 205 Kindergarten to Grade 4 students residing in the Aspen Woods community who attended CBE schools.	
Site Planning and Transportation	
Aspen Woods students are currently bussed to Olympic Heights School, which is located in the Strathcona Park community and Wildwood School, located in the Wildwood community in Area IV. Median travel time to Olympic Heights and Wildwood is 17 minutes.	
Recommendation	
- Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - The total project cost is budgeted at \$14 million.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-18 Stampede Youth Campus	
School Community / Enrolment Profile	
The CBE plans to work collaboratively and in partnership with the Calgary Stampede Foundation and Board of Directors and others, to create a world-class learning centre for young people, located on the Stampede Grounds as part of the Youth Campus agenda. In creating year-round, flexible and personalized learning programs for each student, the CBE and the Stampede Board are able to deliver on exceptional experiences specific to the performing arts that bring the community together and celebrate the unique contributions of our province and heritage. Performing arts education has been part of the mainstream of CBE high schools for decades and continues to provide excellent program opportunities for students across the city. Working with the Calgary Stampede Board and Foundation will strengthen our ability to expand and attract the very best of Calgary youth to new and dynamic learning opportunities. This will forge new ways of connecting students to their talents and their leadership potential.	
Facility Description	
The CBE has undertaken very preliminary plans for a facility located on the Stampede grounds that would comply with standards and expectations of new school facilities approved through Alberta Education for secondary school students. A core school is envisaged as a 400 student capacity secondary school facility with 16 classrooms, a gym and Learning Commons. The estimated cost for the school is \$14 million. Details are for a school with a gross area of approximately 4,100 m² for Grades 10-12 students. Key components are: Standard secondary school core curriculum courses: ▪ English language arts, mathematics, sciences, biology, chemistry, physics, computer studies, social studies, languages Physical Education: daily requirement (potential off site location) ▪ Main Gym with bleachers ▪ Boys and Girls Change Rooms with showers and washroom ▪ Gym storage and chair storage Learning Commons ▪ Multi-functional technology rich space, multiple groups of various sizes use the space together ▪ Hardwired computers	

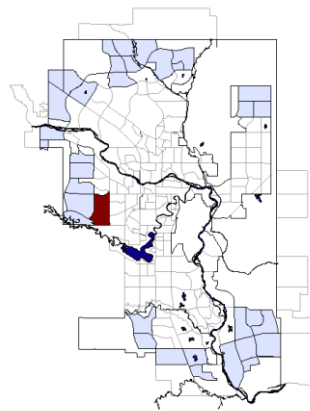
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-18 Stampede Youth Campus	
Facility Description	
In addition to the core school, the need for an adjacent Performing Arts Theatre was evaluated. This facility could include an 800 seat theatre with drama, dance and fitness rooms. Besides spaces for a music and arts program, career and technology program spaces to support the program are considered. The components of a 2200 M² Theatre, costing approximately \$8 million, would include the following: ■ Foyer lobby/ticket office ■ 800 seat auditorium/theatre 0.75 m² per seat ■ Stage ■ Back of Stage In keeping with flexible and authentic learning requirements for programming, flexible timelines and year round programs would expand the number of students served in this facility and complement events and expectations of these performing artists in local and international venues. The total project cost is estimated to be \$22,000,000.	

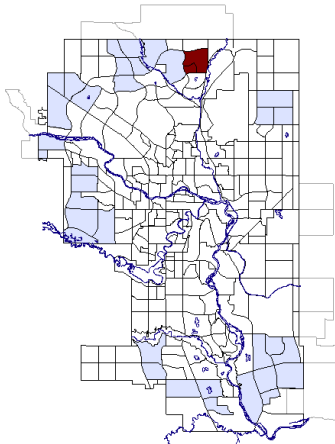
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-19 Evanston Middle	
School Community Profile	
Evanston Community began development in 2002 and is situated in the North sector of the city, north of Stoney Trail and east of Symons Valley Road. - As of the April 2012 Census, the total number of occupied dwelling units was 2,133 with a population of 6,594. - The community is planned for an estimated 6,618 housing units with a population capacity of 17,800 to 18,700. - The community had an average annual population growth of 665 persons during the past three-year period.	
	
Enrolment Profile	
As of September 30, 2012, there were 315 Kindergarten to Grade 4 and 196 Grades 5-9 students residing in the Evanston community who attended CBE schools.	
Site Planning and Transportation	
- There are two elementary sites and one middle school site in Evanston. - Evanston students are currently bussed to G.P. Vanier, which is located in the Winston Heights community in Area II. Median travel time to G.P. Vanier School is 38 minutes.	
Recommendation	
- Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$24 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

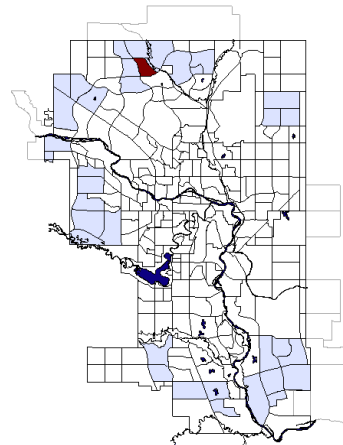
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-20 Springbank Hill/Discovery Ridge Middle	
School Community Profile	
Springbank Hill Community began development in 1997 and is located west of 69 Street SW, north of Glenmore Trail SW/Highway 8, and east of the City Limits. - As of the April 2012 Census, the total number of occupied dwelling units was 2,996 with a population of 8,783. The community is planned for an estimated 4,820 housing units with a population capacity of 13,300 to 14,000. - The community had an average annual population growth of 303 persons during the past three-year period. Discovery Ridge Community began development in 1995 and is located in the West sector of the City, south of Glenmore Trail SW/Highway 8, at 69 Street SW and north of the Elbow River. - As of the April 2012 Census, the total number of occupied dwelling units was 1,606 with a population of 4,350. - The population has been stable the past three years.	
Enrolment Profile	
- As of September 30, 2012, there were 323 Kindergarten to Grade 4 students and 254 Grades 5-9 students residing in the Springbank Hill community who attended CBE schools. - As of September 30, 2012, there were 194 Kindergarten to Grade 4 students and 153 Grades 5-9 students residing in the Discovery Ridge community who attended CBE schools.	

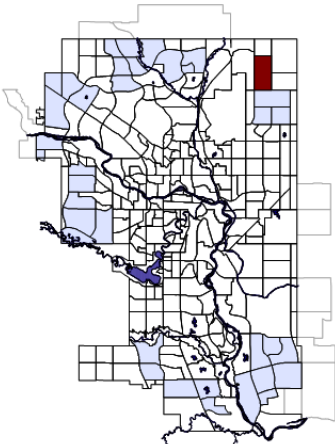


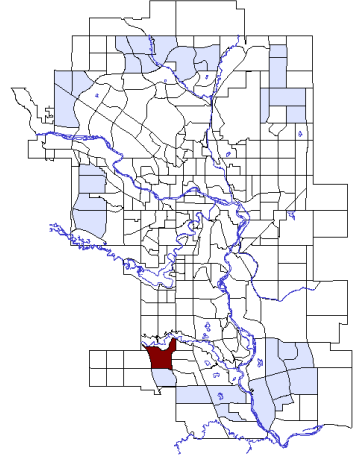
5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-20 Springbank Hill/Discovery Ridge Middle	
Site Planning and Transportation	
- There is one elementary site and one middle school site in Springbank Hill. The Ernest Manning High School is also in Springbank Hill. There is one elementary site in Discovery Ridge. The two communities can support one middle school. - Springbank Hill students are bussed to A.E. Cross School which is located in the Glenbrook community. Median travel time to A.E. Cross is 19 minutes. - Discovery Ridge Students are bussed to Bishop Pinkham School which is located in the Lakeview community. Median travel time to Bishop Pinkham is 23 minutes.	
Recommendation	
- Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$24 million, including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-21 Signal Hill Middle	
School Community Profile	
Signal Hill Community began development in 1986 and is located west of Sarcee Trail SW and north of Glenmore Trail SW. - As of the April 2012 Census, the total number of occupied dwelling units was 5,168 with a population of 13,914. - The population has been stable the past three years.	
	
Enrolment Profile	
As of September 30, 2012, there were 414 Kindergarten to Grade 4 and 414 Grades 5-9 students residing in the Signal Hill community who attended CBE schools.	
Site Planning and Transportation	
- The Battalion Park School has been open since 2000 and serves K-6 students. There is one middle school site in Signal Hill and one more elementary site. - Once the new middle school is constructed, Battalion Park School will be reconfigured to become a K – 4 school. The two schools will operate as separate schools with appropriate grade configurations to accommodate student demand. - Signal Hill students are currently bussed to A.E. Cross School (Grades 7-9), which is located in the Glenbrook community in Area IV. Median travel time to A.E. Cross School is 21 minutes.	
Recommendation	
- Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The capacity of the school will be 900 student spaces. - The total project cost is budgeted at \$24 million including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-22 North Calgary High	
School Community Profile	
The North High School will serve the residents of the Northern Hills communities and other select communities south of Country Hills Boulevard NW. - Currently, the north area is served by four high schools consisting of: Crescent Heights (Coventry Hills, Country Hills Village, Hidden Valley), Queen Elizabeth (Country Hills - south) James Fowler (Country Hills - north) and John G. Diefenbaker (Panorama Hills, Harvest Hills). - A 24 acre site in the west portion of Coventry Hills is available for a new senior high school.	
	
Enrolment Profile	
- Area II is comprised of Sector 3 and 4 and has a utilization rate by residence of 64% and a utilization rate by enrolment of 99%. Sector 4 has a utilization rate by residence of 252% and is served by only John G. Diefenbaker High School. - John G. Diefenbaker has a provincial capacity of 1300 student spaces a utilization of 110%. - Crescent Heights has a provincial capacity of 2,150 student spaces and utilization of 92%. This bus ride is long for Coventry Hills, Country Hills Village and Hidden Valley students with over 500 students attending from these communities. - James Fowler has a provincial capacity of 1980 student spaces and a utilization of 79%. - The Northern Hills communities (Harvest Hills, Country Hills, Country Hills Village, Coventry Hills -north/south, Panorama Hills) and Hidden Valley currently have 1,527 students attending CBE high schools for Grades 10 - 12.	
Site Planning and Transportation	
Several communities in the north are bussed significant distances.	
Recommendation	
- Construct a senior high school for 1,800 Grades 10-12 students. - The total project cost is budgeted at \$50 million; including the CTS space allowance and an allowance for CTS equipment in the amount of \$400,000.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-23 Kincora Elementary	
School Community Profile	
Kincora Community began development in 2006 and is located north of Stoney Trail and west of Symons Valley Road NW. - As of the April 2012 Census, the total number of occupied dwelling units was 1,508 with a population of 4,876. - The community is planned for an estimated 4,773 housing units with a population capacity of 10,300 to 10,800. - The community had an average annual population growth of 497 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 315 public declared preschool-aged children. - As of September 30, 2012, there were 225 Kindergarten to Grade 4 students residing in the Kincora community who attended CBE schools.	
Site Planning and Transportation	
Kincora students are currently bussed to Simons Valley School, which is located in the Sandstone community. Travel time to Simons Valley is 14 minutes.	
Recommendation	
- Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. Based on growth, a decision can be made on a K-6 grade configuration. - The total project cost is budgeted at \$14 million.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-24 Skyview Ranch Elementary	
School Community Profile	
Skyview Ranch Community began development in 2008 and is located south of 128 Avenue NE, and east of Metis Trail NE. - As of the April 2012 Census, the total number of occupied dwelling units was 941 with a population of 2,964. - The community is planned for an estimated 14,745 housing units with a population capacity of 30,100 to 31,600. - The community had an average annual population growth of 988 persons during the past three-year period.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 172 public declared preschool-aged children. - As of September 30, 2012, there were 115 Kindergarten to Grade 4 students residing in the Skyview Ranch community who attended CBE schools.	
Site Planning and Transportation	
Skyview Ranch students are currently bussed to Rundle School, which is located in the Rundle community. Travel time to Rundle School is 28 minutes.	
Recommendation	
- Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - The total project cost is budgeted at \$14 million.	

5.0	2014-2017 SCHOOL CAPITAL PLAN
New Construction	
Priority C-25 Evergreen Elementary ⁽²⁾	
School Community Profile	
Evergreen Community began development in 1990 and is situated west of James McKevitt Road SW and north of 162 Avenue SW. - As of the April 2012 Census, the total number of occupied dwelling units was 6,766 with a population of 20,110. - The community is planned for an estimated 7,457 housing units with a population capacity of 20,600 to 21,700. - The community has had an average annual population growth of 654 persons during the past three-year period and is nearing completion.	
	
Enrolment Profile	
- As of the April 2012 Census, there were 1,015 public declared preschool-aged children in Saddle Ridge. - As of September 30, 2012, there were 630 Kindergarten to Grade 4 students residing in the Evergreen community that attended CBE schools.	
Site Planning and Transportation	
- There is an elementary K-4 school located along Fish Creek Boulevard SW with a capacity of 550 student spaces. - The north elementary site would be used for the second elementary school. There is a middle school site in Evergreen in the central part of the community.	
Recommendation	
- Construct a core elementary K-4 school for 300 students complete with space to support a modular addition for 300 students in 12 units. The capacity of the school will be 600 student spaces. - The north elementary site will accommodate long-term enrolment growth for elementary students. - The total project cost is budgeted at \$14 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-1 Aboriginal Family Community School - Harold W. Riley	
Current and Future Student Accommodation Plan	
Calgary's Aboriginal population is the third largest among Canadian metropolitan centres. CBE's Administrative Regulation 3079, Aboriginal Education, outlines the importance of improving the success rate of Aboriginal students and increasing the understanding and acceptance of Aboriginal cultures of all students. Alberta's Commission on Learning specifically recommended that parents be able to access a variety of educational settings for Aboriginal students including separate settings where both parents and students may learn in a facility dedicated to the Aboriginal culture and history. The future student accommodation plan is to provide a facility that meets the needs of students, family and community programming. As Colonel Walker School also accommodates the Regular Program for elementary students residing in the community of Inglewood, there is limited space to expand the Piitoayis Family School at Colonel Walker School that includes the vision for students, families, and community needs. The Piitoayis Family School is located within Colonel Walker School in the community of Inglewood. The school has shared the building with Colonel Walker School since 2005. The CBE is committed to improving results for our Aboriginal learners. The next step in this important work is the development of an Early Learning Centre for Aboriginal families. The centre would be a place of holistic support and healing for families while providing high quality early learning and intervention for young children. The centre would include the following components: ▪ Preschool programs for children from two years six months to four years six months ▪ Full day Kindergarten ▪ Child care for before and after school hours ▪ Room for parent/community programs ▪ Space for commercial food preparation ▪ Space for community gatherings ▪ Mental health services ▪ Parenting support ▪ Cultural opportunities – language, dance, etc. This project is a collaboration involving many community partners and will evolve over a period of time. For the 2014–2015 school year, our goal is to open the preschool and kindergarten component of the program.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-1 Aboriginal Family Community School - Harold W. Riley	
Facility Description	
The original single storey building, complete with gymnasium, was constructed in 1972. There have been no significant renovations or additions to the building since construction. Overall construction comprises a foundation of footings and grade beams complete with concrete slab on grade. The superstructure, both exterior and interior, is masonry supporting open web steel joists with steel roof decking. The exterior is clad in masonry 'big-block' brick complete with exposed aggregate stucco finish. Windows are typically insulated glazing units (IGUs), aluminum and metal framed. Some have metal security mesh on the exterior. Exterior doors are wood or insulated hollow metal. The roof assembly is two-ply modified bitumen membrane with granular surfaced cap sheet and flashing. Roof assembly was last replaced in 1997. Parapet flashing and roof divider have factory-finished metal coping and flashing. The total area of the main building is 2,813 m² consisting of 16 classrooms. The classrooms range in size and have access to natural light. In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation consisted of the following recommendations: ■ Exterior: requires upgrades (repair cladding; there is no barrier-free accessibility entrance, etc.) ■ Interiors: require upgrading (fire doors and electrical door holders, replace door knobs with barrier-free handles, barrier-free washroom, etc.) ■ Mechanical: requires upgrades (exhaust fans, gas meter ventilation, auto-flush urinals and water closets, barrier-free faucets) ■ Electrical: systems require upgrading (fluorescent lights and monitors, exit signs, exterior lighting, etc.)	
Modernization	
A modernization is required due to the age and condition of the building components. Modernization of instructional spaces and a building extension is required to enhance the learning environment for the Aboriginal program. The project will include upgrading the building envelope and mechanical/electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations including a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement, barrier-free accessibility, and safety/security concerns. The total project cost is estimated to be \$16 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-2 Jack James – CTS Program	
A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels. The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments. Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education. Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success. The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be move into performance related activities.	
Facility Description	
The original two storey building complete with gymnasium was constructed in 1980. There have been several renovations throughout the building since construction. Overall construction comprises a foundation of piles and grade beams complete with concrete slab on grade. The superstructure is a combination of reinforced concrete columns supporting suspended concrete floor and roof structure. The (current) CTS section of the facility has a roof structure of steel girders and beams. The mezzanine area is comprised of concrete flooring on top of steel decking on web steel joists on steel columns. It has been noted that the second storey section of the building (not CTS) has post-tensioned reinforced slab. The exterior is clad in brick complete with metal siding accents. Windows are insulated and aluminum and metal framed. Exterior doors are both wood and metal painted. Roof is membrane on styrene insulation on steel decking complete with crushed aggregate finish. The total area of the main building is 10,118 m² consisting of 37 classrooms. The classrooms range in size and have access to natural light. In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: Exterior: requires upgrades (main building roof structure shows wear – was scheduled to be repaired in 2011; joint sealers and mortar joints need attention; and post-tension floor sections require inspection, etc.)	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-2 Jack James – CTS Program	
Facility Description (cont'd)	
▪ Interiors: require upgrading (repair fire protection on steel columns, fire stops, etc.) ▪ Mechanical: requires upgrades (auto-urinal flush and water closets) ▪ Electrical: systems require upgrading (additional circuits required for CTS, computer, and LAN spaces, fluorescent lights and monitors)	
Modernization	
Due to the age and condition of the building components, a modernization will improve functionality, security, safety and will upgrade building infrastructure. There is also a need to modernize instructional spaces in order to enhance the learning environment. This modernization focuses on upgrading CTS space throughout the school, and includes partial upgrading of the building envelope and mechanical/electrical systems. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement, and addressing barrier-free accessibility. The total project cost is estimated to be \$12 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-3 Bowness High – CTS Program	
A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels. The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments. Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education . Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success. The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be move into performance related activities.	
Facility Description	
The original two-storey school was built in 1955 with a wood-frame structure and stucco exterior. Major additions were completed in 1959 and 1964 and minor additions were completed in 1972 and 1986. The additions were built in concrete and steel construction with masonry cladding. In 2003, a barrier-free renovation was undertaken. The total area of the building is 16,580 m² consisting of 57 classrooms. A number of classrooms are internal and do not have access to natural light. Major portions of the wood-frame facility are nearing the end of their useful life. The concrete structure is of concern and considerable work is required on the building envelope, as well as the interior. In 2010, Alberta Infrastructure evaluated school facilities through RECAP and rated the overall condition of the facility as being in marginal condition. The evaluation made the following recommendations: ▪ Exterior: requires upgrades (many exterior and structural components are nearing the end of their life-cycle; structural components are showing signs of movement and stress) ▪ Interior: requires upgrading (some elements have been upgraded, i.e. ceiling tiles; other components are nearing life cycle end, i.e. doors) ▪ Mechanical: systems require upgrading (HVAC equipment, etc.) ▪ Electrical: systems require upgrading (lighting system, exit signs, etc.)	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-3 Bowness High – CTS Program	
Modernization	
The modernization will improve functionality, security, and safety and will upgrade building infrastructure. This modernization will focus on upgrading CTS space throughout the school. This will include partial mechanical and major electrical systems upgrades (power, interior lighting fixtures, and controls), as well as building envelope upgrades (roof and door). All finishes (flooring, ceilings) and worn fixtures (operable wall between gym and stage) will be replaced. Washroom upgrades and millwork replacement are part of the work. Teaching space upgrades include: adding walls and doors to address acoustic problems, adding electric blinds and acoustic panels, and a library to learning commons conversion. This modernization will address barrier-free issues (handicap washroom) and security concerns (front entry administration renovation to control access to the school). Replacing gravel with asphalt and adding an exterior stair for safe access downhill will address the safety issues. Replacement of on-site open garbage containers with closed containers is required. An estimate cost of the modernization is \$20 million.	

6.0

2013-2016 SCHOOL CAPITAL PLAN

Major Modernizations

Priority M-4 Kingsland Centre - Chinook Learning Services

Chinook Learning Services Mandate

Chinook Learning Services provides older adolescent and adult high school academic upgrading, Adult ESL, and Continuing Education programs for the CBE. Chinook Learning Services provides high school upgrading to over 10,000 part-time students over the course of a year, including summer school. It serves students from all Areas of the city and from the greater Calgary region. The present demographics of Chinook Learning Services students (Fall 2012) indicate that student population is split evenly among all four quadrants of the city.

Chinook Learning Services			
Program	Annual	Daily	Location
High School Credit	10,000 students (13,500 registrations)	1,600	Viscount Bennett Centre
ESL	300	125	Tuxedo Park School
LINC*	540	360	4 sites: Viscount Bennett Centre, Tuxedo Park School, Calgary Achievement Centre for Youth, Christian City Church
Continuing Education	7,000	Varies	10 school sites across Calgary

**Language Instruction for Newcomers to Canada*

The changes to the School Act in October 2012 extended funding to 21 years of age. This change will potentially increase the population at Chinook Learning Services as there will be an opportunity for many more students to successfully complete their high school education and transition into post-secondary programs and the work force. In addition, the present Alberta Education initiatives support the trend among some students to take longer than the average 12 years to complete to the end of high school.

The population of Chinook Learning Services is diverse. Although some students attend Chinook Learning Services to upgrade academic courses for University entrance, many students struggle with learning issues which may or may not have been diagnosed at an earlier age.

Chinook Learning Services (CLS) has demonstrated a steady increase in enrolment over the past few years. This trend is expected to continue with the changes to the School Act and with the growing population of Calgary. CLS operates year round, offering both evening and daytime courses. During the summer, Chinook Learning Services offers Summer School. The enrolment is approximately 4500 students (primarily high school age). In addition to Viscount Bennett Centre campus, four regular high schools act as satellites during July to provide adequate facilities for students living in different quadrants of the city. Chinook Learning Services also runs an International Summer School for students from Taiwan. This program is

6.0	2013-2016 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-4 Kingsland Centre - Chinook Learning Services	
Chinook Learning Services Mandate (cont'd)	
run out of a high school in the SW part of the city. The demand for summer school programs has increased over the past several years. Chinook Learning Services is the largest centre in Alberta for diploma examination testing centre and for generating CEU's. Presently students at Chinook Learning Services take an average of one to two courses a semester. Presently courses are timetabled in three hour sessions twice a week for each semester. Based on learner need, there is a consideration to adjust the timetable to provide a more suitable program. Chinook Learning Services is a significant contributor to the CBE's high school strategy successfully supporting many students to complete high school and transition to post-secondary.	
Current Status	
Chinook Learning Services needs to vacate its main campus at Viscount Bennett Centre as the 58-year-old building is in need of major renovations and upgrading. Alberta Infrastructure conducted a detailed architectural and engineering study in 2000 and determined that \$23 million was required to renovate the existing building to meet educational needs and building code requirements. The conclusion of Architectural and Engineering Services was that it was uneconomical to restore the building. The CBE plans to sell the Viscount Bennett site. As of December 2012, the CBE officially obtained the property of the Booth Centre located in the East Village in the downtown. Conceptual plans for the renovation of this building have been drawn up in order to work through the City of Calgary's approval process. A steering committee oversees development of this project. As the East Village location will only accommodate a portion of the Academic portion of the student population, it is clear that more space will be required at future sites. The CBE had \$10.5 million approved toward the Chinook Learning Services capital project from last year's School Capital Plan 2012-2015. The CBE has been in the process of planning for the move of Chinook Learning Services from Viscount Bennett Centre. The CBE vision for Chinook Learning Services is a central campus in or in close proximity to the Downtown with two other locations in the city of Kingsland Centre (M-4) and James Fowler High School (M-5).	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-4 Kingsland Centre - Chinook Learning Services (cont'd)	
Facility Description	
Kingsland School is a single storey facility with partial basement was completed in 1958. Overall construction comprises of a foundation of concrete slab floors on both foundational walls on strip footings and piles. The super-structure consists of load bearing masonry block walls throughout. The roof structure is constructed of open web-framed steel trusses and steel flange beams all supporting the above steel decking and roof membrane. The exterior is finished with brick, stucco and exposed cast-in-place concrete. Doors are typically wood, windows are double glazed and metal framed; both are painted. The total area of the main building is 4818.6 m² consisting of 22 classrooms. The classrooms range in size and have access to natural light. In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Exterior: requires upgrades (refinish exterior finishes, caulking, replace SBS roof system) ▪ Mechanical: systems require life cycle upgrading (install sprinkler system, roof drains, hot water system, etc.) ▪ Electrical: systems require upgrading (starter motors, sub-distribution panels, fluorescent system upgrades, exit signs, etc.)	
Modernization	
A school modernization is required due to the age and condition of the Kingsland Centre building components, and the need to modernize instructional spaces in order to enhance the learning environment. This facility and site will be adapted to accommodate Chinook Learning Services (south location). The modernization will include partial upgrading of the building envelope, and mechanical/electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$4.5 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-5 James Fowler – CTS Program & Chinook Learning Services	
A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels. The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments. Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education. Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success. The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be move into performance related activities. There will be available space for Chinook Learning Services to operate in the school over the long term.	
Facility Description	
The original three storey split level building, complete with gymnasium, basement, and performance space was constructed in 1962. Elevations of the building differ due to the contour and slope of the site. An elevator and small addition were added to the building in 1998, complete with an exterior entry stairway and canopy. Overall construction comprises a foundation of grade beams, strip footings, footing pads and foundational walls. The superstructure consists of both exterior and interior masonry load bearing block and concrete columns. Floors consist of pre-cast concrete T-beams with concrete topping. The roof structure is comprised of concrete T-beams complete with built up bitumen membrane assembly. The 1998 roof construction comprises a bitumen membrane assembly on steel deck roofing on steel beams on masonry block. Exterior is a combination pre-cast concrete fascia panels, red brick, vertical curtain wall sections and painted masonry block walls. The 1998 addition is finished in steel cladding and masonry block. Windows are typically sealed and insulated aluminum framed units. Exterior doors are typical steel framed (with or without glazing), and painted. Some doors are metal set in aluminum frames. The total area of the main building is 24,701.8 m² consisting of 77 classrooms. The classrooms range in size and have access to natural light.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-5 James Fowler – CTS Program & Chinook Learning Services	
Facility Description (cont'd)	
In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ■ Exterior: requires upgrades (repair masonry block, sealants and parging; replace windows in curtain wall sections and floors. Upgrade original entrances) ■ Interior: requires upgrades (repair masonry block, fire penetrations, concrete flooring, and acoustic tiles) ■ Mechanical: requires upgrades (replace sinks, washroom fixtures, damaged pipe insulation and fan coils) ■ Electrical: systems require upgrading (install surveillance and new fire alarm devices)	
Modernization	
A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will focus on CTS program spaces, including upgrades to the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$15 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-6 Lord Beaverbrook – CTS Program	
A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels. The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments. Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education. Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success. The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be move into performance related activities.	
Facility Description	
The original two storey building, complete with gymnasium, partial lower level basement, performance space, and mezzanine was constructed in 1966. A two storey addition was built in 1979, and another single storey addition was built 1985. Overall construction comprises a foundation of grade beams, strip footings, and footing pads. The superstructure consists of both exterior and interior masonry load bearing block and concrete columns. Upper floors consist of pre-cast concrete T-beams and concrete topping. The roof structure is comprised of concrete T-beams complete with built up bitumen membrane assembly. The exterior is a combination of red brick and concrete panels. Rooftop mechanical has steel cladding. Windows are typically single glazed units and aluminum framed. Exterior doors are typical wood panel and frame, and painted. Main entrance doors have glazing in aluminum frames. The total area of the main building is 27506.5 m² consisting of 100 classrooms. The classrooms range in size and have access to natural light.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-6 Lord Beaverbrook – CTS Program	
Facility Description (cont'd)	
In 2012, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ■ Exterior: requires upgrades (repair or replace exterior finish components, windows, doors, wood panels below windows, skylights, roof membrane, etc.) ■ Interior: requires upgrades (shower stalls, repainting, general repairs, interior doors, chalkboards, ceiling tiles, etc.) ■ Mechanical: requires upgrades (install larger buffer glycol tank; outdated heating and cooling system components, drain lines, ventilation system upgrades) ■ Electrical: systems require upgrading (review and replace as required all life-cycle components, i.e. electrical panels)	
Modernization	
Due to the age and condition of the building components, a modernization will improve functionality, security and safety, and will upgrade building infrastructure. There is a need to modernize instructional spaces in order to enhance the learning environment. This modernization will focus on upgrading CTS space throughout the school and will include partial upgrading of the building envelope, mechanical and electrical systems, and replacement of worn architectural finishes and fixtures. This project will also include a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility. The total project cost is estimated to be \$25 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-7 Forest Lawn – CTS Program	
A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels. The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments. Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education. Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success. The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be moved into performance related activities.	
Facility Description	
The original two storey split level building, complete with gymnasium and partial basement, was constructed in 1968. A single storey addition was added in 1984. Since construction, there have been only minor renovations, including a barrier-free access ramp. Overall construction comprises of foundation of footing pads, strip footings, and foundation walls complete with concrete slabs. The superstructure consists of both exterior and interior masonry load bearing block. Concrete columns also support suspended floors and roof structures. Suspended floors and roof are precast T-Beam complete with concrete topping. The 1984 addition comprises metal roof decking on steel beams on masonry block walls. Exterior is a combination of pre-cast concrete exposed aggregate, concrete fascia panels and red brick curtain wall sections. Windows are typically insulated glazing units (IGUs), and aluminum framed. Exterior doors are wood core set in steel frames and painted. The total area of the main building is 22,068 m² consisting of 87 classrooms. The classrooms range in size and have access to natural light. In 2012, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation included the following recommendations:	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-7 Forest Lawn – CTS Program	
Facility Description	
▪ Exterior: requires upgrades (repair of floor construction fire-stopping, cracked floor sections of the concrete and flooring finishes is required; repair seals of windows and roof sections; repair brick damage) ▪ Interiors: require upgrading (repaint central ramps and concrete floors; replace worn carpets, ceiling tiles, lockers, and some interior doors) ▪ Mechanical: requires upgrades (minor maintenance items: repair or replace AHU servicing wood shop and dust collector unit, repair leaking water fountains) ▪ Electrical: systems require upgrading (replace natural gas generator with diesel; remove open wiring in main hallway; and install dedicated circuitry in each classroom)	
Modernization	
Due to the age and condition of the building components, a modernization will improve functionality, security, safety and will upgrade building infrastructure. There is a need to modernize instructional spaces in order to enhance the learning environment. This modernization will focus on upgrading CTS space throughout the school and will include partial upgrading of the building envelope and mechanical/electrical systems. It will also replace worn architectural finishes and fixtures. This includes a library to learning commons conversion, bringing the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility. The total project cost is estimated to be \$15 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-8 John G. Diefenbaker – CTS Program	
A planned CBE strategy to address the new Career and Technology Studies curriculum requires approval of modernization projects to be undertaken in high schools in each of Areas I, II, III and V. These schools require priority placements for major modernization projects in order to deliver Career and Technology Studies courses and programs to students at exploratory, specialized and credentialed levels. The Lord Shaughnessy High School modernization in Area IV is the first modernization project undertaken to prototype Career and Technology learning environments. Career and Technology Courses are designed to engage students in learning in authentic, relevant and personalized learning environments. Through this approach to learning, students transition from their high school experience more successfully into the world of work or into post-secondary education . Creating these personalized pathways through Career and Technology courses and programs allow students the opportunity to examine their career goals and expand their interests in future success. The Career and Technology Centres combine authentic and relevant learning opportunities with personalized education, where classroom theory can be move into performance related activities.	
Facility Description	
The original two storey building, complete with gymnasium, partial lower level (walkout) basement, performance space, and mechanical penthouse was constructed in 1971. In 1990, a single storey addition with lower level was added. Additionally, there are four dated modular units located on site. There have been several interior renovations over the years to improve existing spaces. Overall construction comprises a foundation of grade beams and strip footings complete with reinforced concrete slabs on grade. The superstructure consists of both exterior and interior masonry load bearing block, or poured in place walls and columns. Roof structure is steel deck on steel joists on bearing walls. The majority of the roof assembly is a bituminous built-up (BUR) system (last replaced in 1988). The exterior is a combination of red brick, ribbed block, and stucco. Windows are typically double glazed units and aluminum framed. Exterior doors are steel and painted. The total area of the main building is 13876 m² consisting of 54 classrooms. The classrooms range in size and have access to natural light.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-8 John G. Diefenbaker – CTS Program	
Facility Description (cont'd)	
In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Mechanical: requires upgrades (some space temperature controls require repair or replacement; life-cycle issues are soon to be an issue) ▪ Electrical: systems require upgrading (review and replace as required all life-cycle components)	
Modernization	
Due to the age and condition of the building components, a modernization will improve functionality, security, safety and will upgrade building infrastructure. There is a need to modernize instructional spaces in order to enhance the learning environment. This modernization will focus on upgrading CTS space throughout the school, and will include partial upgrading of the building envelope, mechanical and electrical systems, and replacement of worn architectural finishes and fixtures. This project will include a library to learning commons conversion, bringing the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility. The total project cost is estimated to be \$15 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-9 Nickle School	
Current and Future Student Accommodation Plan	
Nickle School is located in southeast Calgary in the community of Lake Bonavista, which is an established community. ▪ Regular Program Nickle School currently accommodates the Regular program for Grades 5-9 students living in Bonavista Downs and Lake Bonavista and students from the communities of Auburn Bay and Cranston. ▪ System Classes Nickle School currently accommodates Bridges and Learning and Literacy classes. The long-term student accommodation plan for Nickle School is to accommodate students from their home area and students residing in new and developing communities in Area V. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The original school building was completed in 1970 with masonry and steel construction. The two additions were built in 1976 and 1985. The total area of the building is 6,951 m² consisting of 26 classrooms plus three portables for instruction. The classrooms range in size and have minimum access to natural light. The mechanical and electrical systems have exceeded their lifecycle expectancy and need upgrading or replacement. In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Replace parts of roof that have not already been replaced ▪ Replace damaged caulking around perimeter ▪ Incorporate barrier-free items where applicable (i.e., automatic door openers) ▪ Mechanical features need upgrading (i.e., hot water tanks, exhaust fans, sprinklers) ▪ Upgrade various electrical various components, i.e., lights, exit signs, etc.	
Modernization	
A scope for modernization improvements is required due to the age and condition of the building components. The modernization would replace some of mechanical systems and damaged lockers, upgrade electrical system, finishes and millwork, reconfigure internal spaces, and renovate washrooms. The addition of mechanical control system and start/stop automation is recommended. Barrier-free accessibility and exiting would be addressed as well. The scope of this modernization strategy also includes upgrading of all the interior program spaces, and a library to Learning Commons conversion. The total project cost is estimated to be \$12 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-10 Altadore School	
Current and Future Student Accommodation Plan	
Altadore School is located in southwest Calgary in the community of Altadore which is in the inner city in Area IV. Altadore School currently accommodates the Regular program for Kindergarten to Grade 6 students living in Altadore which includes Garrison Woods. The long-term student accommodation plan for Altadore School is to accommodate students from Altadore (including Garrison Woods). Garrison Woods is part of the Canada Lands redevelopment of the old Canadian Forces Base (CFB). This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The one-storey building was constructed in 1952 with a wood frame on a concrete foundation. The school was renovated in 2002 with new exterior cladding, windows, doors, skylights and roof. A barrier-free washroom was provided in 2002; however, the remainder of the school requires barrier-free renovations. The total area of the building is 2,737 m² consisting of 14 classrooms for instruction. Most of the classrooms are similar to current standards and have good natural light. In 2010, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made this recommendation: Mechanical: systems require upgrading (hot water tanks, boiler, ventilators, etc.)	
Modernization	
The modernization would upgrade the entire mechanical systems: replace hot water tanks, steam boilers, breeching, steam piping, controls, exhaust fans, radiation system, and unit ventilators. Electrical upgrades would consist of cabling and electrical wiring upgrades. The project would also upgrade building code deficiencies with full barrier-free accessibility, and a library to Learning Commons conversion. The total project cost is estimated to be \$9 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-11 Senator Patrick Burns School	
Current and Future Student Accommodation Plan	
Senator Patrick Burns School is located in northwest Calgary in the community of Collingwood, which is an established community. ▪ Regular Program Senator Patrick Burns School currently accommodates the Regular program for Grades 7-9 students living in Banff Trail, Charleswood, Collingwood, and Capitol Hill (west of 14 Street). Senator Patrick Burns also accommodates the National Sport Academy. ▪ Spanish Bilingual Program Senator Patrick Burns School currently accommodates Grades 5-9 students for the Spanish Bilingual alternative program for students residing in Areas I to III. The long-term student accommodation plan for Senator Patrick Burns School is to accommodate students in Regular and/or Alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The two-storey building was constructed in 1961 as a concrete, steel, and masonry structure. An addition in 1966 created an exterior courtyard between the original two U-shaped wings. A renovation in 1999 replaced linoleum and acoustic ceiling tile in five classrooms and the staff lounge. The total area of the building is 7,989 m² consisting of 32 classrooms for instruction. The classrooms are slightly smaller than the current standard and have moderate access to natural light. In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in overall acceptable condition. The evaluation made the following recommendations: ▪ Exterior: requires upgrading (windows, doors, siding) ▪ Interior: requires upgrading (all components) ▪ Mechanical: systems require upgrading (ending lifecycle) ▪ Electrical: requires upgrading (exit signs, panels, transformer, etc.)	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-11 Senator Patrick Burns School	
Modernization	
Since the evaluation, it has been found that the original curtain wall is in poor condition and the majority of original finishes are showing signs of deterioration. Different preservation projects have since been undertaken and completed. Such projects have included upgrading lockers and the communication systems. The facility requires renovations to such areas as: the visual communication lab, the fashion lab, the music room, CTS spaces, and a library to learning commons conversion. Wiring and data enhancements are required as part of improvements to the electrical systems. Renovations would also be carried out to the mechanical systems. Finishes and millwork throughout the school are aging and in need of replacement. The school would be upgraded to be barrier-free by providing an elevator and related upgrades such as barrier-free accessible washrooms. The original curtain wall exterior cladding is deteriorated and should be replaced. The roof must be replaced. Some site work is also required. The cost estimate for this modernization is \$13 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-12 A.E. Cross School	
Current and Future Student Accommodation Plan	
A.E. Cross School is located in southwest Calgary in the community of Glenbrook, which is an established community. ▪ Regular Program A.E. Cross School currently accommodates the Regular program for Grades 7-9 students living in Glenbrook, Glamorgan, Killarney, Glengarry, Lincoln Park, Richmond, CFB Lincoln Park/Garrison Green, and Rutland Park. Students residing in Signal Hill and Springbank Hill are also currently designated to A.E. Cross School for Grades 7-9. ▪ System Classes A.E. Cross School accommodates Paced Learning and Learning and Literacy classes for Area IV students. The long-term student accommodation plan for A.E. Cross School is to accommodate students from their home area and to continue to accommodate students residing in new and developing communities in southwest Calgary. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity. A.E. Cross School currently accommodates the Area IV office.	
Facility Description	
The original building was built in 1961 with a two-storey classroom wing added in 1966. The building has a masonry and steel construction, wood-roof deck with masonry and curtain wall exterior. A modernization took place in 1983. The gross building area is 9,064 m² consisting of 36 classrooms, with the majority of the classrooms being slightly smaller than current standards. The provincial capacity of A.E. Cross School has been set at 1,066 student spaces. The gym, library, and administration space are typical size for a school of this capacity. The ancillary spaces are quite large compared to classroom standards which would account for the higher capacity of the facility's rating. The structure is considered to be in good condition. Many of the classrooms have good natural lighting. The building exterior is finished with low maintenance materials; however, the wood portions of the exterior are in need of maintenance. Floors are generally in good condition with some needing repair.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-12 A.E. Cross School	
Facility Description (cont'd)	
In 2009, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ■ Exterior: requires upgrades (stucco, painting, caulking, etc.) ■ Interior: requires upgrading (some items require repair or replacement) ■ Mechanical: systems require upgrading (HVAC system, ventilation, etc.) ■ Electrical: systems require upgrading (expand current circuit system)	
Modernization	
The modernization will address building envelope deficiencies (e.g., replacement of the curtain wall), mechanical and electrical upgrades (improving thermal comfort, and energy efficiency), and provide additional power and data outlets. The scope will include replacement of old and worn finishes and fixtures (e.g., vinyl-asbestos-tile flooring, wood flooring, and lockers), door and hardware replacement, and washroom upgrades. The modernization will include select program space renovations, library to learning commons conversion, hazardous material abatement, and building code and accessibility upgrades. The proposed project will modernize the whole facility and enhance the teaching environment. The total project cost is estimated to be \$16 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-13 Sir Wilfrid Laurier School	
Current and Future Student Accommodation Plan	
Sir Wilfrid Laurier School is located in southeast Calgary in the community of Albert Park/Radisson Heights, which is an established community. ▪ Regular Program Sir Wilfrid Laurier School currently accommodates the Regular program for Grades 6-9 students living in Albert Park/Radisson Heights and part of Forest Heights. ▪ System Classes Sir Wilfrid Laurier School accommodates Learning and Literacy classes. ▪ Traditional Learning Centre (TLC) Alternative Program Sir Wilfrid Laurier School and Chris Akkerman School are the designated schools for the Traditional Learning Centre (TLC) alternative program for students residing in Area III. The long-term student accommodation plan for Sir Wilfrid Laurier School is to accommodate students in the Regular and/or Alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The building was originally completed in 1966 as a masonry building with a brick and stucco exterior. An addition was built in 1983. Upgrades in 1997 replaced the original ceilings with acoustic suspended tile. In 2003, barrier-free renovations were undertaken. The total area of the building is 5,258 m² consisting of 21 classrooms for instruction. The classrooms are slightly smaller than the current standard and have moderate access to natural light. Generally the facility is in reasonable condition. The electrical and mechanical systems require upgrading or replacement. The breakout rooms, library and computer lab were upgraded in the 2006-2007 renovations. In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Roof: will require major maintenance in the next five to ten years ▪ Exterior: requires upgrades (doors, seals, stucco, windows, hardware, etc.) ▪ Interior: requires upgrading (floor tiles, acoustic panels, painting, millwork, flooring, etc.) ▪ Mechanical: systems require upgrading (plumbing fixtures, boilers, HVAC equipment, monitoring systems, etc.) ▪ Electrical: systems require upgrading (secondary panels, motor starters, master clock system, etc.)	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-13 Sir Wilfrid Laurier School	
Modernization	
The proposed modernization will enhance the teaching spaces and upgrade the school and its aging systems. The modernization includes an upgrade of mechanical systems and all electrical systems (panel upgrades, interior and parking lot lighting, and emergency lighting). All finishes (flooring, ceilings, and painting) will be upgraded or replaced. Envelope upgrades to include roof and door repair and replacement. Washroom and change room upgrades and locker replacement are also part of the modernization. Teaching space upgrades include science, art, and computer rooms, cafeteria kitchen, CTS spaces, and library to learning commons conversion. Millwork, display cases, fixtures, and blinds should be replaced. This modernization will address safety and security concerns with a front entry renovation, stairway, and corridor door hardware upgrades controlling unauthorized access to the school. An estimate cost of the modernization is \$11 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-14 Woodman School	
Current and Future Student Accommodation Plan	
Woodman School is located in southwest Calgary in the community of Haysboro, which is an established community. Woodman School currently accommodates Grades 7-9 students living in Haysboro, part of Southwood, Chinook Park, Eagle Ridge, Kelvin Grove and Kingsland. Woodman School is the bus receiver school for Grades 7-9 students living in Woodlands, Woodbine and Walden. Woodman School is also the bus receiver school for Grades 5-9 students living in Evergreen. The long-term student accommodation plan for Woodman School is to accommodate students in the Regular program.	
Facility Description	
The original building was constructed in 1960 with wood framing and a stucco and masonry exterior. An addition was completed in 1968 with a masonry and steel construction exterior and is capable of a longer life than other major components. A renovation was completed in 2003, including a barrier-free upgrade consisting of an elevator, handicap lift, and washroom renovation. The facility is in reasonable condition for its age; however, finishes and furnishings have become dated and are showing wear. Windows have been replaced and the roof was replaced approximately four years ago. The gross building area is 8,744 m² consisting of 34 classrooms. Most of the teaching spaces are sized to current standards and have good natural light. The gym, by Alberta Education standards, is small for a junior high school of this capacity. The school has an efficient layout, but allows little real flexibility in the use of the building. Internal reconfiguration of spaces would be required to better address the needs of junior high students. In 2008, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in good condition. The evaluation made the following recommendations: ▪ Exterior: requires upgrades (barrier-free accessibility ramp features, replacement of windows and doors, painting, etc.) ▪ Interior: requires lifecycle upgrading (doors, hardware, shower stalls, etc.) ▪ Mechanical: systems require upgrading (most mechanical systems are past lifecycle) ▪ Electrical: systems require upgrading (many components are past lifecycle, but still functional)	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority 14 Woodman School	
Modernization	
A school modernization is required due to the age and condition of the building components. The modernization of instructional spaces will enhance the facility's learning environment. This will include upgrading the building envelope, and the mechanical and electrical equipment. The scope will also include replacement of worn architectural elements (finishes and fixtures), program space renovations, and a library to learning commons conversion. This will bring the school into alignment with 21st century learning. Additional project items include building code upgrades, hazardous material abatement, barrier-free accessibility, and safety/security concerns. The total project cost is estimated to be \$14 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-15 Dr. J.K. Mulloy School	
Current and Future Student Accommodation Plan	
Dr. J.K. Mulloy School is located in northeast Calgary in the community of Huntington Hills which is an established community. ▪ Traditional Learning Centre (TLC) Dr. J.K. Mulloy School currently accommodates students living in Area II for the Traditional Learning Centre. The Traditional Learning Centre is an alternative program committed to providing excellent academic program and character education to students who are at or above grade level. The long-term student accommodation plan for Dr. J.K. Mulloy School is to accommodate students in the Traditional Learning Centre alternative program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The two-storey building was constructed in 1969 with pre-cast concrete construction and masonry exterior. The total area of the building is 4,067 m² consisting of 20 classrooms for instruction. Many classrooms do not have access to natural light due primarily to the open area classroom design. Electrically, the fire alarm system is in need of upgrading. The existing lighting system is in fair condition and should be replaced. Computer cabling and dedicated circuits should be added to the classrooms. In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Exterior: requires upgrades (doors, seals, stucco, windows, hardware, etc.) ▪ Interior: requires upgrading (floor tiles, acoustic panels, painting, millwork, carpet flooring, etc.) ▪ Mechanical: systems require upgrading (plumbing fixtures, boilers, HVAC equipment, etc.) ▪ Electrical: systems require upgrading (secondary panels, motor starters, master clock system, light fixtures, public access system, etc.).	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-15 Dr. J.K. Mulloy School	
Modernization	
The modernization will improve functionality, security, and safety and will upgrade building infrastructure. The modernization includes some mechanical system upgrades, a major electrical systems upgrade (power, interior lighting fixtures, and controls) and envelope upgrades (roof and door). All finishes (flooring, ceilings) and worn fixtures (operable wall between gym and stage) will be replaced. Washroom upgrades and millwork replacement are part of the work. Teaching space upgrades include: adding walls and doors to address acoustic problems, adding electric blinds and acoustic panels, and a library to learning commons conversion. This modernization will address barrier-free issues (handicap washroom) and security concerns (front entry-administration renovation to control access to the school). Replacing gravel with asphalt, adding an exterior stair for safe access downhill will address the safety issues. Replacement of the open garbage containers with closed containers on site is required. An estimate cost of the modernization is \$10 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-16 Henry Wise Wood High School	
Current and Future Student Accommodation Plan	
Henry Wise Wood High School is located in southwest Calgary in the community of Kelvin Grove, which is an established community. Regular Program Henry Wise Wood High School currently accommodates the Regular program for Grades 10-12 students living in Bayview, Braeside, Cedarbrae, Chinook Park, Eagle Ridge, Haysboro, Kelvin Grove, Kingsland, Oakridge, Palliser, Parkhill, Pump Hill, and Southwood. Students residing in Woodlands and Woodbine currently have the option to attend either Henry Wise Wood High School or Dr. E.P. Scarlett High School. The new and developing community of Mahogany is also designated to Henry Wise Wood High School for Grades 10-12 students. Henry Wise Wood High School currently accommodates the International Baccalaureate (IB) for senior high students residing in Area V. System Classes Henry Wise Wood High School currently accommodates Gifted and Talented, Literacy English and Academic Development, Paced Learning, and ACCESS classes. Traditional Learning Centre (TLC) Alternative Program Henry Wise Wood High School currently accommodates the Traditional Learning Centre alternative program for students residing in Area IV and Area V. The long-term student accommodation plan for Henry Wise Wood High School is to accommodate students residing in Areas IV and V for Regular and TLC programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The original building was constructed in 1961 with an open courtyard that was enclosed in 1964 to form a large library, a study and a lunchroom area. The original school structure sits on a combination of both pile and concrete wall foundations. The main floor is concrete slab on grade. The super-structure is constructed of cast-in-place concrete columns, floor, and roof slabs. There are single-storey portions of the super-structure comprised of steel joists and metal decking. The courtyard infill is comprised of steel joists and metal decking. The super-structure is capable of a significantly longer life than the other major components. Minor renovations were made to the building in 1999, upgrading two CTS areas, some science labs, and the home economics area, as well as the drama change rooms. Handicap accessibility in the building has also been addressed.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-16 Henry Wise Wood High School	
Facility Description	
In 2005, upgrades were made to the ceilings in second and third floor classrooms. The total floor area is 15,804 m² and the school has 74 classrooms. The provincial capacity of the school is 1,946 student spaces. The teaching spaces are different sizes and have good natural light. In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable-to-marginal condition. The evaluation made the following recommendations: ▪ Exterior: requires upgrades (curtain walls require replacement, painting, etc.) ▪ Interior: requires upgrading (barrier-free accessibility features, paint, etc.) ▪ Mechanical: systems require upgrading (HVAC system (old), boilers, roof top vent systems, hot water system, etc.) ▪ Electrical: systems require upgrading (security systems, exit signs, receptacles, fixtures in cafeteria, motor starters, main distribution switchgear in school, etc.) The most pressing need identified was the inadequate performance and presentation space for large groups. Space large enough for presentations and medium-sized audiences (100 to 300 persons) is required.	
Modernization	
The scope of the modernization will include developing a multi-purpose presentation and exhibition space, as there is no space within the school where gatherings/meetings for more than 50 students can take place. The scope will include mechanical and electrical upgrades that will address thermal comfort, energy efficiency, provide additional power and data outlets, and building envelope upgrades. The scope will also include upgrading worn finishes and fixtures (e.g., paint, lockers), doors and hardware, replacement and washroom upgrades. Select program space renovation, hazardous material abatement, and building code and barrier-free accessibility upgrades will be part of the modernization. The project proposed will enhance the teaching environment. The total project cost is estimated to be \$20 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-17 Simon Fraser School	
Current and Future Student Accommodation Plan	
Simon Fraser School is located in northwest Calgary in the community of Brentwood, which is an established community in Area I. ▪ Regular Program Simon Fraser School currently accommodates Grades 7-9 students living in Brentwood and Charleswood (partial). Simon Fraser School is the bus receiver school for Grades 7-9 students living in MacEwan Glen, Sandstone Valley and Country Hills (south of the golf course). Simon Fraser School is the bus receiver school for Grades 5-9 students living in Rocky Ridge and Royal Oak. ▪ System Classes Simon Fraser School currently accommodates two Learning and Literacy classes. The long-term student accommodation plan for Simon Fraser School is to accommodate students in the regular program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate at or near capacity.	
Facility Description	
The original two-storey school building, with partial basement, was completed in 1964. Its construction comprises masonry block, as well as combination of both cast and poured-in-place concrete with reinforced steel (for foundations, main floor slab, and grade beams). The exterior consists of brick cladding and concrete facades with cased awning windows. An elevator and stair lift were added to the facility in 2005 to increase barrier-free accessibility. The total area of the building is 5,627 m² consisting of 28 classrooms plus four portables for instruction. The classrooms range in size and have access to natural light. In 2009, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Structural: monitor suspension rods supporting precast canopy – east elevation ▪ Exterior: sealant of all windows, doors, and cladding; replace old doors ▪ Interior: replace ceiling tiles, continue to improve barrier-free accessibility ▪ Mechanical: upgrade old fixtures, etc. ▪ Electrical: upgrade old components (boards, lighting, energy efficient items)	

6.0	2014-2017 SCHOOL CAPITAL PLAN
	Major Modernizations
	Priority M-17 Simon Fraser School
	Modernization
	The scope of the modernization will include developing a multi-purpose presentation and exhibition space, as there is no space within the school where gatherings/meetings for more than 50 students can take place. The scope will include mechanical and electrical upgrades that will address thermal comfort, energy efficiency, provide additional power and data outlets, and building envelope upgrades. The scope will also include upgrading worn interior finishes and fixtures (e.g., paint, lockers), doors and hardware, replacement and washroom upgrades. There will be select program space renovations, a library to learning commons conversion, hazardous material abatement, and building code and barrier-free accessibility upgrades. Additionally, the main entry located below street level would be upgraded. The project proposed will enhance the teaching environment. The total project cost is estimated to be \$13 million.

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-18 Robert Warren School	
Current and Future Student Accommodation Plan	
Robert Warren School Robert Warren School is located in southwest Calgary in the community of Canyon Meadows, which is an established community in Area V. ▪ Regular Program Robert Warren School currently only accommodates Grade 9 students in the Regular program as a staged closure was implemented in September 2011. The staged closure allows students to finish their junior high program at Robert Warren School. Effective June 30, 2013, Robert Warren School will no longer accommodate students in the regular program. ▪ Spanish Bilingual Program Robert Warren School currently accommodates Grades 5-9 Area V students in the Spanish Bilingual program. The long-term student accommodation plan for Robert Warren School is to accommodate students in the Spanish Bilingual program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate at or near capacity.	
Facility Description	
The one-storey building was completed in 1974 with masonry and steel construction. The addition was built in 1991 with barrier-free access. The building was partially renovated in 1999. As of October 2008, four new relocatable units were located on the school site, replacing the previous five outdated units. The total area of the building is 4,711 m² consisting of 20 classrooms (including the four new relocatables) for instruction. The classrooms are smaller than the current standard and internal ones do not have access to natural light. The layout of the main office creates security concerns. In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Structural: replace caulking of exterior of building ▪ Exterior: incorporate barrier-free items where applicable (automatic door openers, etc.) ▪ Mechanical: upgrade pneumatic controls and extend sprinkler system ▪ Electrical: upgrade components (i.e., exit signs and sub-distribution panels)	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-18 Robert Warren School	
Modernization	
The school's modernization strategy was divided into two phases with the first phase being completed in 2009 for a total cost of \$1.4 million. The first phase addressed the removal of five obsolete portables, replacing them with four new relocatable units. This construction included a connecting corridor, complete with lockers and a barrier-free ramp-way into the new units. The administration area was improved, the library was expanded, and safety modifications were also incorporated. When the remaining funds become available, Phase II of the modernization will complete the rest of the overall upgrading of the school and its aging systems. Work will include a full upgrade of the electrical and mechanical systems (heating and cooling systems, electrical systems, all lighting and emergency lighting). All finishes (flooring, ceilings, and painting) will be upgraded or replaced. A library to learning commons conversion will be included. Envelope upgrades include roof and door repair and upgrades. Washroom and change room upgrades as well as locker replacements are also part of the modernization. The project costs of Phase II are projected at \$5 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-19 Sir John A. Macdonald School	
Current and Future Student Accommodation Plan	
Sir John A. Macdonald School is located in north-central Calgary in the community of Huntington Hills, which is an established community. ▪ Regular Program Sir John A. Macdonald School currently accommodates Grades 7-9 students living in Greenview (north of McKnight Boulevard), Huntington Hills, Beddington and Thorncliffe. ▪ System Classes Sir John A. Macdonald School currently accommodates Paced Learning (PLP) and Learning and Literacy (L&L) classes. The long-term student accommodation plan for Sir John A. Macdonald School is to accommodate students in the Regular program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The facility was originally built in 1966 as a masonry building with a mixed material exterior. An addition, completed in 1970, increased the building area by a total of 50%. Four relocatables were added in the fall of 2007 to accommodate growth pressures. The school is exhibiting age-related deficiencies in finishes, mechanical, and electrical systems. Upgrades to building systems and finishes, including window replacement, are needed to restore this well-used building to feasible condition. The gross building area is 7,814 m² consisting of 32 classrooms, with a provincial capacity of 905 student spaces. Most of the teaching spaces are smaller than current standards; however, most have good natural light. The gym is small, by Alberta Education standards, for a junior high school of this capacity. The school has Career and Technology labs (for graphics, construction, information processing, and foods and fashion), as well as fine and performing arts (music, drama, art, and French).	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-19 Sir John A. Macdonald School	
Facility Description	
In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ■ Exterior: requires lifecycle upgrades (painting, caulking, etc.) ■ Interior: spaces require upgrading (main entranceway, barrier-free accessibility features, etc.) ■ Mechanical: systems require upgrading (HVAC system, boilers, hot water system, etc.) ■ Electrical: systems require upgrading (switchboard, motor starters, emergency battery packs, etc.)	
Modernization	
A school modernization is required due to the age and condition of the building components. This will modernize instructional spaces, enhancing the learning environment. The modernization will include upgrading the building envelope and mechanical and electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures (e.g., flooring, paint, and lockers), program space renovation, including a library to learning commons conversion to bring the school into alignment with 21st century learning. Additional project items include building code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$12 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-20 Thomas B. Riley School	
Current and Future Student Accommodation Plan	
Thomas B. Riley School is located in northwest Calgary in the community of Bowness, which is an established community. Regular Program Thomas B. Riley School currently accommodates the Regular program for Grades 7-9 students living in Bowness and Greenwood/Greenbriar and students from the communities of Valley Ridge and Crestmont. System Classes Thomas B. Riley School accommodates Paced Learning and Adapted Learning classes. German Bilingual Program Thomas B. Riley School is the designated school for junior high students for the German bilingual program residing in the CBE boundary. This program will close as of June 30, 2013. Traditional Learning Centre (TLC) Alternative Program Thomas B. Riley School and Brentwood School are the designated schools for the Traditional Learning Centre alternative program for Kindergarten to Grade 8 students residing in Area I. Brentwood School accommodates K-4 students and Grades 5-8 students are accommodated at Thomas B. Riley School. The long-term student accommodation plan for Thomas B. Riley School is to accommodate students residing in the northwest quadrant of Calgary for Regular and Alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The facility is a split two-storey building comprised of load-bearing masonry and steel and was originally constructed in 1967. Both a modernization and an addition to the school were completed in 1985. The modernization upgraded the industrial arts shop, administration, library, and second floor ancillary rooms. The total area of the building is 6,188 m² consisting of 22 classrooms for instruction. Most of the classrooms are smaller than the current standard (80 m²) with good natural light. In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-20 Thomas B. Riley School	
Facility Description	
The evaluation made the following recommendations: ▪ Interior: spaces require upgrading (i.e., wood flooring, repainting of concrete flooring, etc.); Interior fire-stopping requires life cycle repairs ▪ Mechanical: many components require life cycle upgrading and repairs (i.e., replace lab sinks, etc.) ▪ Electrical: systems are aging and require lifecycle upgrading and recertification of components.	
Modernization	
A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will include upgrading the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural elements (finishes and fixtures), program space renovations, such as: Career and Technology Studies spaces, library to learning commons conversion, and performing arts areas. These modernizations will bring the school into alignment with 21st century learning. Additional project items include building code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$11 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-21 Fairview School	
Current and Future Student Accommodation Plan	
Fairview School is located in southeast Calgary in the community of Fairview, which is an established community in Area V. ▪ Traditional Learning Centre (TLC) The Traditional Learning Centre is an alternative program committed to providing excellent academic program and character education to students who are at or above grade level. Fairview School currently accommodates Grades 5-8 students who live in Area V. ▪ French Immersion Program Fairview School currently accommodates Grades 5-9 students for early French Immersion. French Immersion students living in Area V east of Macleod Trail are designated to Fairview School for French Immersion. The long-term student accommodation plan for Fairview School is to accommodate students in alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate near capacity.	
Facility Description	
The original two storey school building, with multi-levels and partial basement, was completed in 1961. There were two additions constructed in 1967. Its construction comprises concrete grade beams and spread footings, slab on grade, and concrete foundation walls. The super-structure is constructed of steel columns with concrete infill and concrete and masonry block load bearing walls. The roof structure is wood decking on steel joists. The exterior includes masonry brick, stucco, and insulated metal and glazed curtain walls. The total area of the main building is 9,599 m² consisting of 39 classrooms. The classrooms range in size and have access to natural light. In 2009, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Mechanical: upgrade furnaces and fans ▪ Electrical: upgrade old components (boards, lighting, duplexes, etc.)	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-21 Fairview School	
Modernization	
A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will include upgrading the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural elements (finishes and fixtures), program space renovations, Career and Technology Studies spaces, and a library to learning commons conversion. These modernizations will bring the school into alignment with 21st century learning. Additional project items include building code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$14 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-22 Colonel Irvine School	
Current and Future Student Accommodation Plan	
Colonel Irvine School Colonel Irvine School is located in northeast Calgary in the community of Highwood, which is an established community in Area II. ▪ Regular Program Colonel Irvine School currently accommodates Grades 7-9 students living in North Haven, Highwood, Cambrian Heights, Rosemont and Thorncliffe (partial). Colonel Irvine School is the bus receiver school for Grades 7-9 students living in Harvest Hills and Country Hills. ▪ System Classes Colonel Irvine School currently accommodates PLP (Paced Learning Program) and TASC (Training in Attitude, Social Skills and Communication) classes. ▪ Traditional Learning Centre (TLC) Colonel Irvine School has been identified as a new Traditional Learning Centre for students residing in Area II effective for the 2013-2014 school year. Colonel Irvine School will accommodate Grades 5-8 students. The Traditional Learning Centre is an alternative program committed to providing excellent academic program and character education to students who are at or above grade level. ▪ Chinese (Mandarin) Bilingual Program Colonel Irvine School became the location for Grades 7-9 Chinese (Mandarin) Bilingual programming for the 2012-2013 school year. Colonel Irvine accommodates students north of 17th Ave south. The long-term student accommodation plan for Colonel Irvine School is to accommodate students in regular and/or alternative programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate at or near capacity.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-22 Colonel Irvine School	
Facility Description	
The original single storey facility, with partial basement, was completed in 1957. Two additions were added, first in 1960 (southeast corner) and then in 1968 (southwest corner). Due to the differing topography of the overall site, the north and south wings of the school vary in elevations creating a split level (stepped) structure. Both additions comprise two storeys. The 1968 addition (southwest corner) caps the original U-shaped structure. Due to its multi-levels and dates of construction, construction applications vary. Overall, construction comprises concrete slabs on grade with spread footings, concrete columns and foundation walls (basement and crawl spaces). Floor slabs are suspended on concrete piles or columns. Walls are primarily masonry block. Exterior finishes are brick and stucco. Roofs vary from steel trusses and steel decking to timber joists and wood decking (original structure). Windows are aluminum framed (three panes with hoper-type sections). Older building sections have metal framed windows. The total area of the main building is 8,714.7 m² consisting of 32 classrooms. The classrooms range in size and have access to natural light. In 2009, Alberta Infrastructure evaluated school facilities through RECAP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Exterior: roof requires lifecycle replacement and additional roofing drains ▪ Interior: spaces require upgrading (new fire rated doors and barrier-free accessibility features, etc.) ▪ Mechanical: systems require life cycle upgrading (HVAC system, boilers, hot water system, etc.) ▪ Electrical: systems require upgrading (light fixtures, etc)	
Modernization	
A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will include upgrading the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion, to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$12 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-23 Sherwood School	
Current and Future Student Accommodation Plan	
Sherwood School is located in southeast Calgary in the community of Ogden, which is an established community in Area IV. ▪ Regular Program Sherwood School currently accommodates Grades 5-9 students living in Ogden. Sherwood School is also the bus receiver school for Grades 7-9 students living in Riverbend and Mahogany. ▪ System Classes Sherwood School currently accommodates a Bridges class and a Hull Outreach class for Behavioural/Emotional students. The long-term student accommodation plan for Sherwood School is to accommodate students in the Regular program. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that the school will operate near capacity.	
Facility Description	
The original one storey school building, with partial basement and small second storey, was completed in 1956. Two additions were constructed in both 1959 and 1966. A gymnasium was constructed in 1980, as well as other renovations. Its construction comprises cast in place strip footings, slab on grade, and load bearing masonry interior and exterior walls. The second storey is constructed from wood beams, columns, and joists. The gymnasium is a combination of steel decking with concrete topping and supportive steel structure. The exterior is a combination of painted stucco, brick, and prefinished metal siding. Windows are aluminum framed glazing and steel doors. The total area of the building is 8205 m² consisting of 30 classrooms. The classrooms range in size and have access to natural light. In 2011, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Exterior: general aging and neglect – sighting required upgrading. ▪ Interior: improve barrier-free accessibility	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-23 Sherwood School	
Modernization	
A school modernization is required due to the age and condition of the building components, and the need to modernize instructional spaces in order to enhance the learning environment. The modernization will include upgrading the building envelope, mechanical and electrical equipment. The scope will also include replacement of worn architectural finishes and fixtures, program space renovations, including a library to learning commons conversion, to bring the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility and safety/security concerns. The total project cost is estimated to be \$15 million.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-24 Louis Riel School	
Current and Future Student Accommodation Plan	
Louis Riel School is located in southwest Calgary in the community of Oakridge, which is an established suburb. Regular Program and System Special Education – Kindergarten to Grade 9 Louis Riel School currently accommodates the regular program for Kindergarten-Grade 9 students living in Oakridge and Grades 7-9 students residing in Cedarbrae. Louis Riel School is also the designated school for students living on the Tsuu T'ina Nation. Science Program Louis Riel School accommodates the K-grade 9 Science alternative program for students residing in Area V. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.	
Facility Description	
The original two storey building, complete with two gymnasiums, basement and performance space was constructed in 1970. An addition was added to the building in 1975 to provide space for an elementary program. There have been several modernizations to this building since its original construction, including the removal of eight modular units and a classroom renovation in 2010. Overall construction comprises a foundation of grade beams and footing pads. The superstructure consists of both exterior and interior masonry load bearing block complete with cast-in-place reinforced concrete floors. The roof structure is comprised of steel decking and membrane on open webbed steel joists and wide flanged beams. The exterior is a combination red brick, horizontal painted metal siding, stucco, and painted stone. Windows are typically double paned fixed and operable glazed units in aluminium frames. Exterior doors are typical steel framed (with or without glazing), painted. The total area of the main building is 7630.8 m² consisting of 33 classrooms. The classrooms are smaller than standard size. There is a combination of perimeter classrooms which have access to natural light; other rooms are internal space.	

6.0	2014-2017 SCHOOL CAPITAL PLAN
Major Modernizations	
Priority M-24 Louis Riel School	
Facility Description (cont'd)	
In 2007, Alberta Infrastructure evaluated school facilities through RECAPP and rated the overall condition of the facility as being in acceptable condition. The evaluation made the following recommendations: ▪ Exterior: requires upgrades (repair concrete stairs, re-roof areas as required, repair stucco finish) ▪ Interior: requires upgrades (implement barrier-free items such as bathroom, install elevator, auto door openers) ▪ Mechanical: requires upgrades (repair roof drains, replace original furnaces and cold air condenser) ▪ Electrical: systems require upgrading (upgrade lighting fixtures, replace exit light fixtures and battery packs, etc.)	
Modernization	
Due to the age and condition of the building components, a modernization will improve functionality, security, safety and will upgrade building infrastructure. There is a need to modernize instructional spaces in order to enhance the learning environment. This modernization will include upgrading of the building envelope, mechanical and electrical systems. It will also replace worn architectural finishes and fixtures. This includes a library to learning commons conversion, bringing the school into alignment with 21st century learning. Additional project items include building and fire code upgrades, hazardous material abatement and addressing barrier-free accessibility including an elevator. The total project cost is estimated to be \$15 million.	

Capacity and Utilization

There are Sectors associated with each Area that provide for smaller units of analysis.

Table 1: Capacity for K-9 by Residence (%)

K-9 Students by Residence 2012-2013				
Area	Sector	Elementary/Junior High Students	Elementary/Junior High Capacity	% Utilization
AREA I	Sector 1	5,453	7,125	76.53%
	Sector 2	7,922	8,105	97.74%
TOTAL		13,375	15,230	87.82%
AREA II	Sector 3	4,065	13,513	30.08%
	Sector 4	10,167	8,983	113.18%
TOTAL		14,232	22,496	63.26%
AREA III	Sector 5	18,061	20,793	86.86%
TOTAL		18,061	20,793	86.86%
AREA IV	Sector 6	7,072	8,947	79.04%
	Sector 7	4,316	6,758	63.87%
TOTAL		11,388	15,705	72.51%
AREA V	Sector 8	7,373	17,163	42.96%
	Sector 9	12,584	9,068	138.77%
TOTAL		19,957	26,231	76.08%
GRAND TOTAL		77,013	100,455	76.66%

Notes:

- Student numbers are based on ArcView data as at September 30, 2012 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated March 29, 2012, assuming exemptions.
- Under-utilized and over-utilized are shown on Map 7.

**% Capacity by K-9 Residence
Showing Both Areas and Sectors**

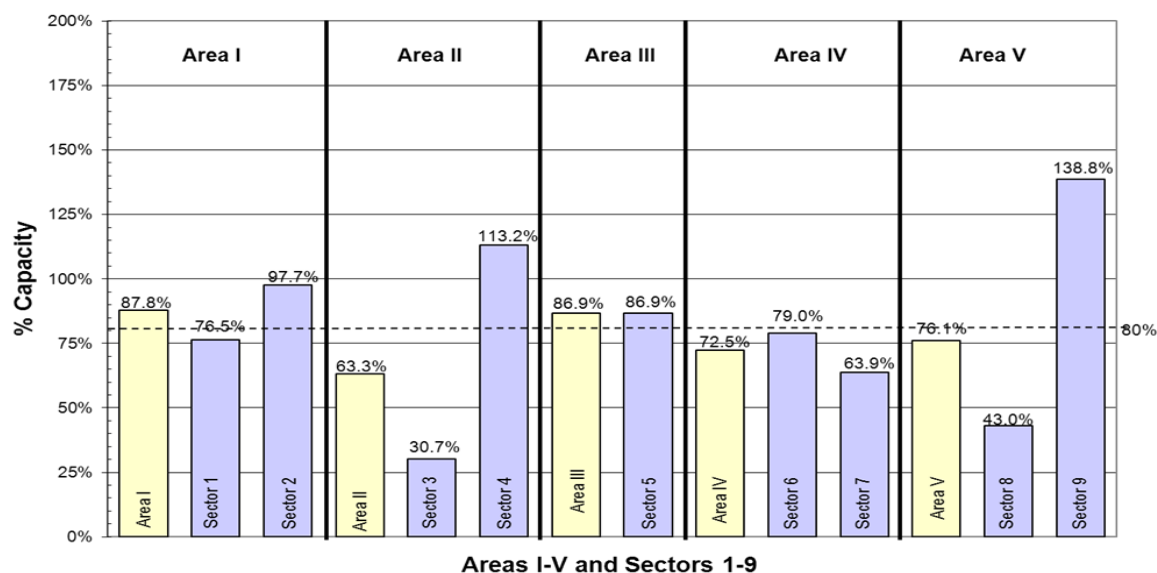


Table 2: Capacity by Residence Senior High (%)

Senior High Students by Residence 2012-2013				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,893	1,525	124.13%
	Sector 2	3,531	2,015	175.24%
Total		5,424	3,540	153.22%
AREA II	Sector 3	1,453	6,082	23.89%
	Sector 4	3,278	1,300	252.15%
Total		4,731	7,382	64.09%
AREA III	Sector 5	6,823	4,816	141.67%
Total		6,823	4,816	141.67%
AREA IV	Sector 6	2,960	1,778	166.48%
	Sector 7	2,016	4,145	48.64%
Total		4,976	5,923	84.01%
AREA V	Sector 8	3,289	5,801	56.70%
	Sector 9	4,373	1,807	242.00%
Total		7,662	7,608	100.74%
Grand Total		29,616	29,269	101.19%

Notes:

- Student numbers are based on ArcView data as at September 30, 2012
- Capacity as per Alberta Infrastructure's ACU Report dated March 29, 2012, assuming exemptions.
- Under-utilized and over-utilized are shown on **Map 8**.

Senior High Area Utilization Rates by Residence

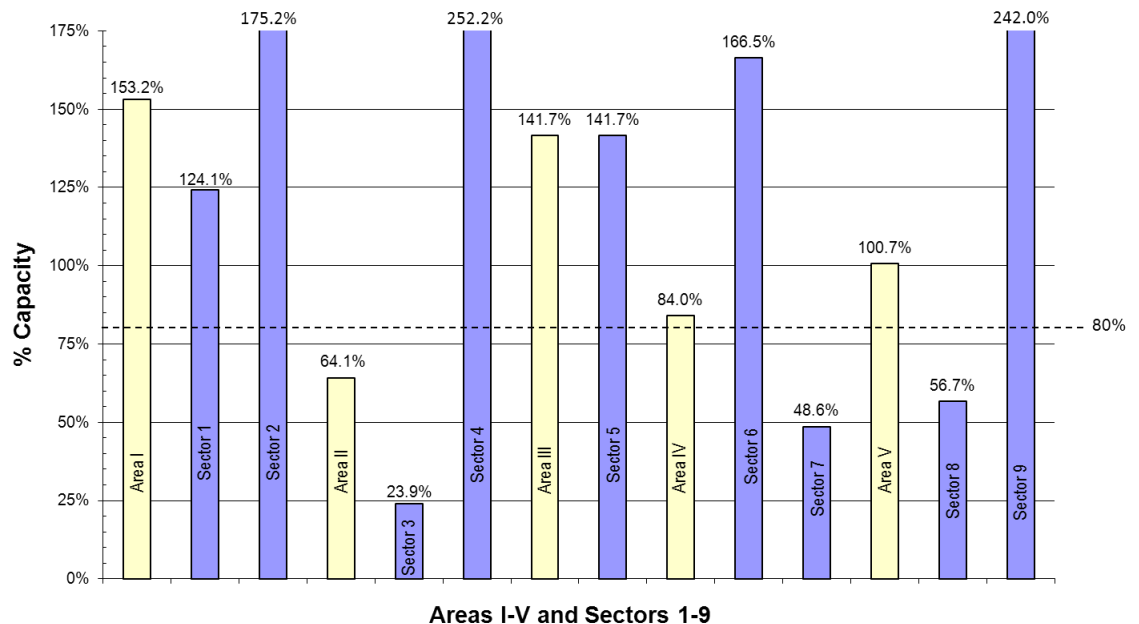


Table 3: % Capacity for K-9 by Enrolment

K-9 Students by Enrolment 2012-2013				
Area	Sector	Elementary/Junior High Students	Elementary/Junior High Capacity	% Utilization
AREA I	Sector 1	4,515	7,125	63.37%
	Sector 2	7,427	8,105	91.63%
Total		11,942	15,230	78.41%
AREA II	Sector 3	9,928	13,513	73.47%
	Sector 4	7,185	8,983	79.98%
Total		17,113	22,496	76.07%
AREA III	Sector 5	15,978	20,793	76.84%
Total		15,978	20,793	76.84%
AREA IV	Sector 6	7,007	8,947	78.32%
	Sector 7	4,217	6,758	62.40%
Total		11,224	15,705	71.47%
AREA V	Sector 8	12,239	17,163	71.31%
	Sector 9	7,623	9,068	84.06%
Total		19,862	26,231	75.72%
Grand Total		76,119	100,455	75.77%

Notes:

- Student numbers are based on ArcView data as at September 30, 2012 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated March 29, 2012, assuming exemptions.

**% Capacity by K-9 Enrolment
Showing Both Areas and Sectors**

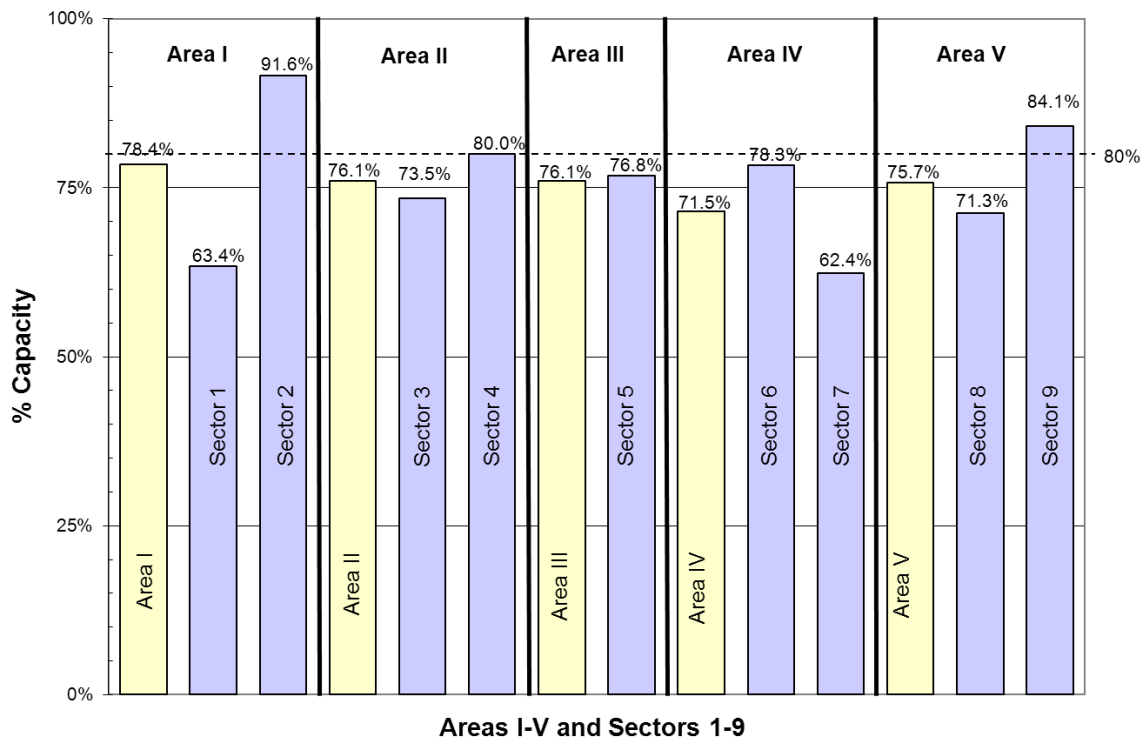


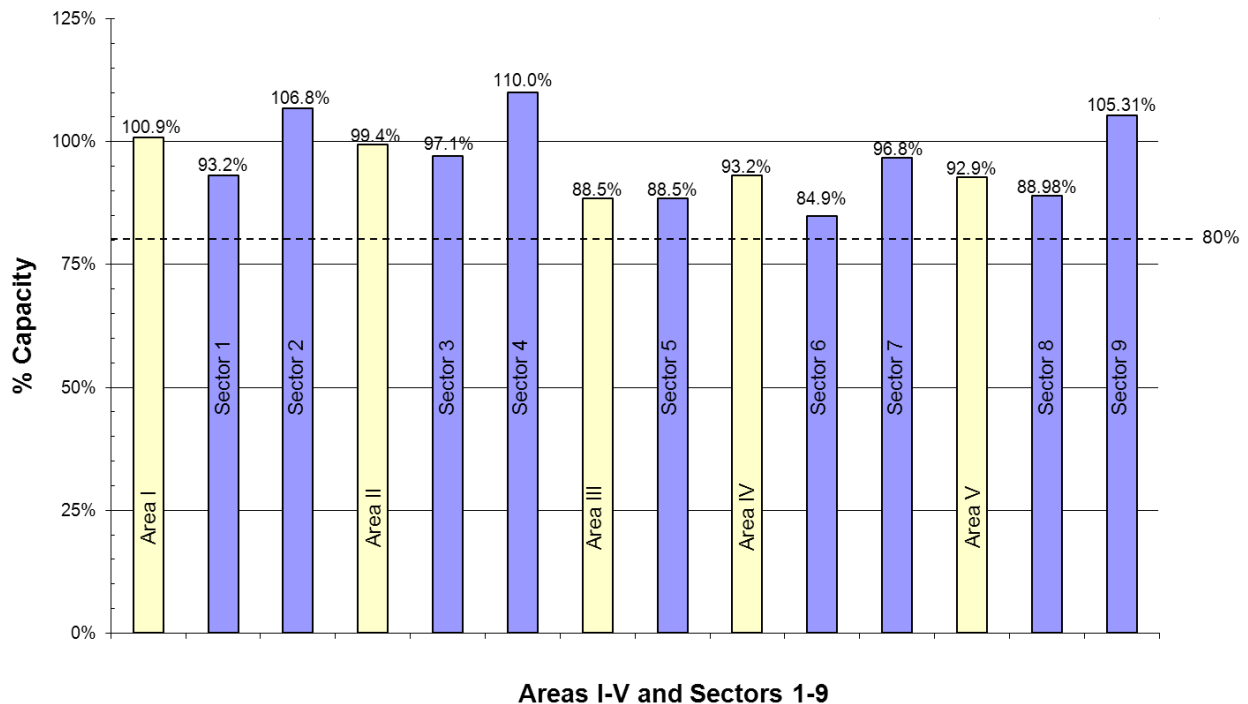
Table 4: % Capacity by Enrolment – Senior High

Senior High Students by Enrolment 2012-2013				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,421	1,525	93.18%
	Sector 2	2,151	2,015	106.75%
Total		3,572	3,540	100.90%
AREA II	Sector 3	5,904	6,082	97.07%
	Sector 4	1,430	1,300	110.00%
Total		7,334	7,382	99.35%
AREA III	Sector 5	4,263	4,816	88.52%
Total		4,263	4,816	88.52%
AREA IV	Sector 6	1,509	1,778	84.87%
	Sector 7	4,011	4,145	96.77%
Total		5,520	5,923	93.20%
AREA V	Sector 8	5,162	5,801	88.98%
	Sector 9	1,903	1,807	105.31%
Total		7,065	7,608	92.86%
TOTAL		27,754	29,269	94.82%

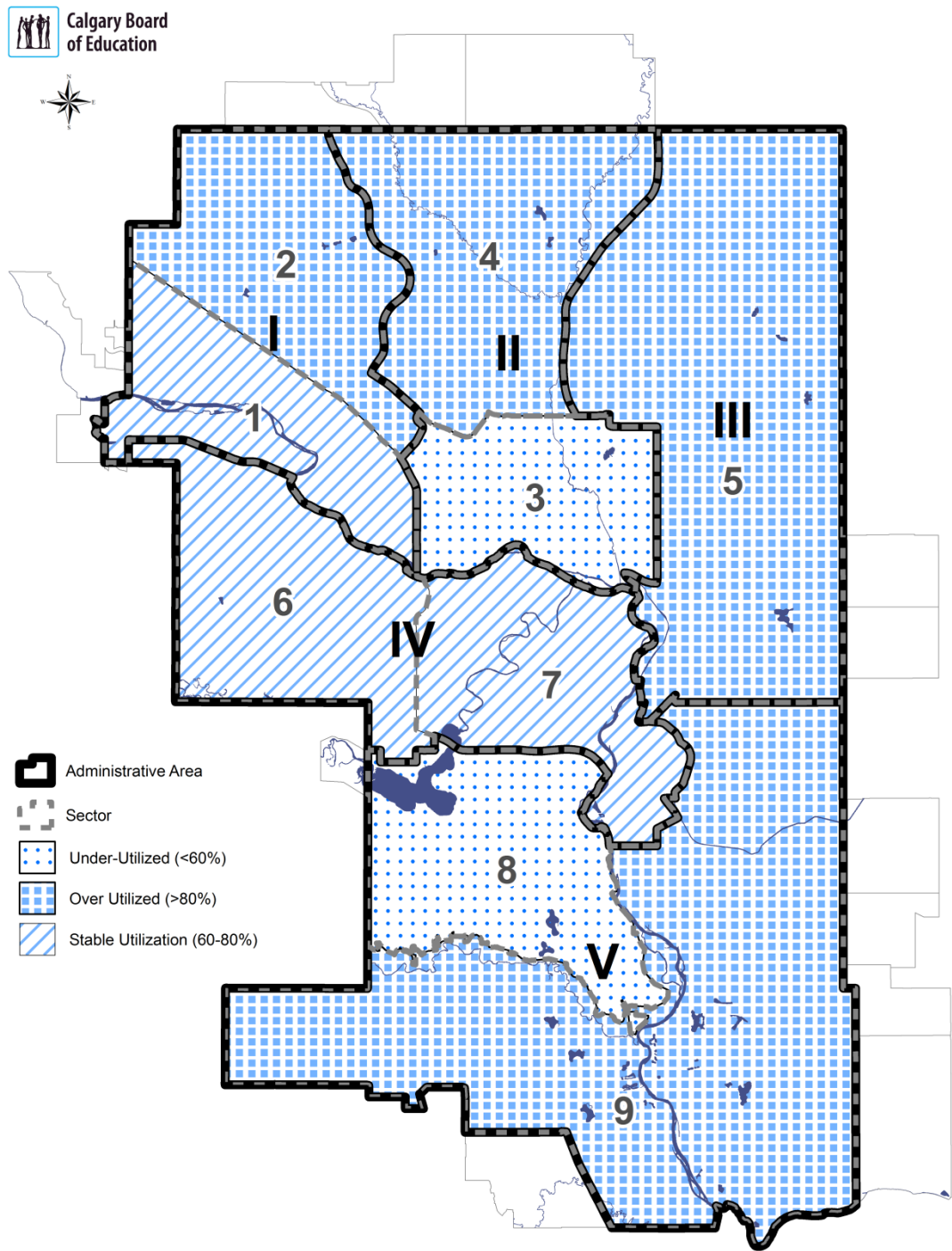
Notes:

- Student numbers are based on ArcView data as at September 30, 2012
- Capacity as per Alberta Infrastructure's ACU Report dated March 29, 2012, assuming exemptions.

Senior High Area Utilization Rates by Enrolment

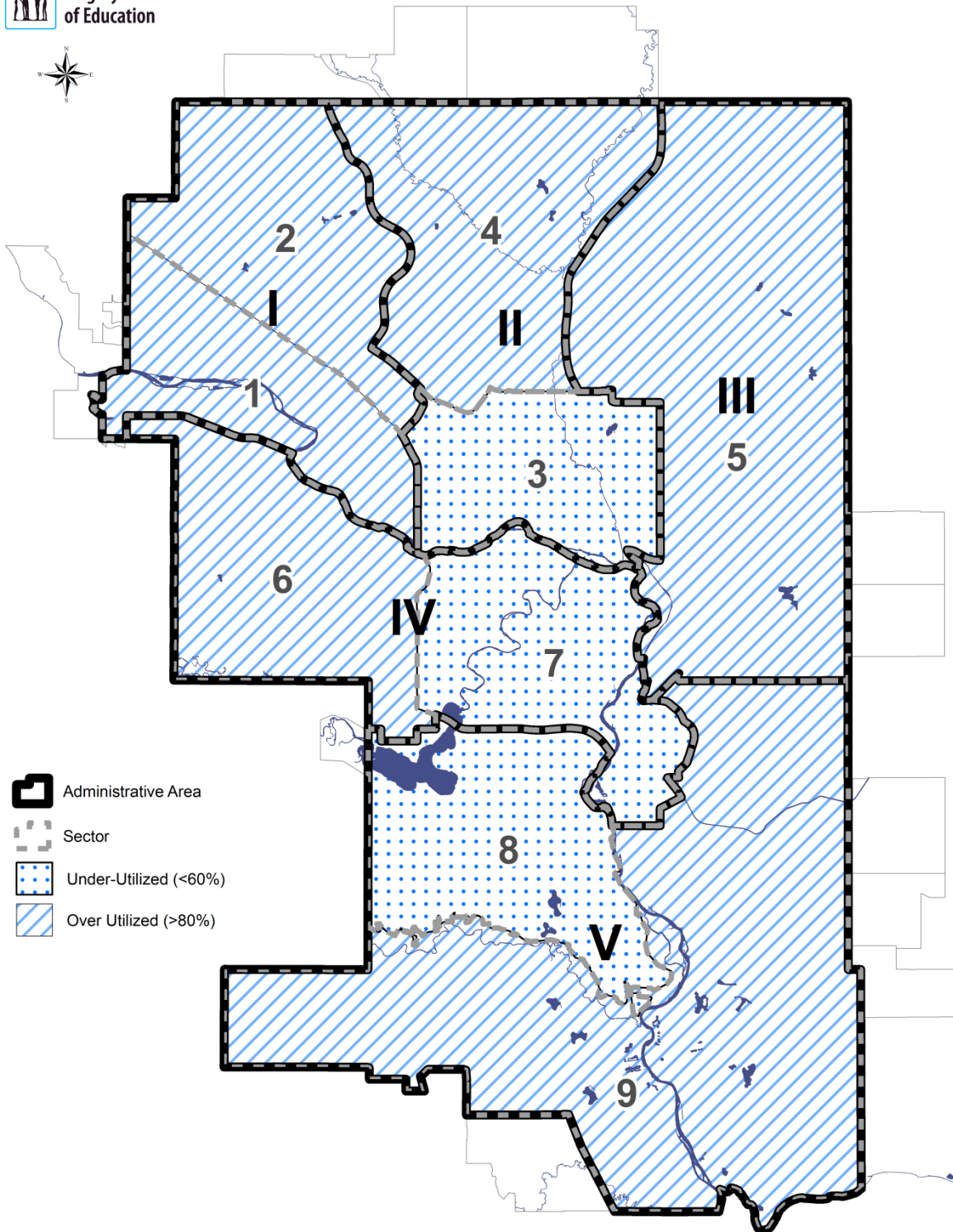


Sector Utilization by Residence
for Kindergarten to Grade 9



Prepared by: Planning, Transportation and Environmental Services
November 2012
Map: K-9 Sector Utilization.mxd

Sector Utilization by Residence for Grades 10-12



Prepared by: Planning, Transportation and Environmental Services
March 6, 2013
Map: 10-12 Sector Utilization.mxd

Modernization Information

Rank	Modernization	Area	Grade	Points
1	Aboriginal Family Community School	IV	Pre K - 9	-
2	Jack James - CTS Program	III	Grades 10-12	-
3	Bowness High - CTS Program	I	Grades 10-12	-
4	Kingsland - Chinook Learning Services	V	Grades 10-12	-
5	James Fowler - CTS Program & Chinook Learning Services	II	Grades 10-12	-
6	Lord Beaverbrook - CTS Program	V	Grades 10-12	-
7	Forest Lawn - CTS Program	III	Grades 10-12	-
8	John Diefenbaker - CTS Program	II	Grades 10-12	-
9	Nickle School	V	Grades 5-9	435
10	Altadore School	IV	Grades K-6	435
11	Senator Patrick Burns School	II	Grades 5-9	430
12	A.E. Cross School	IV	Grades 7-9	430
13	Sir Wilfrid Laurier School	III	Grades 5-9	430
14	Woodman School	V	Grades 5-9	420
15	Dr. J.K. Mulloy School	II	Grades K-6	415
16	Henry Wise Wood High School	V	Grades 9-12	410
17	Simon Fraser School	I	Grades 5-9	410
18	Robert Warren School	V	Grades 5-9	405
19	Sir John A. Macdonald School	II	Grades 7-9	395
20	Thomas B. Riley School	I	Grades 5-9	390
21	Fairview School	V	Grades 5-9	390
22	Colonel Irvine School	II	Grades 7-9	385
23	Sherwood School	IV	Grades 5-9	385
24	Louis Riel School	V	Grades K-9	380
25	Sir John Franklin School	II	Grades 5-9	380
26	Elboya School	IV	Grades K-9	380
27	Rosedale School	II	Grades K-9	360
28	Ernest Morrow School	III	Grades 7-9	355
29	Briar Hill School	II	Grades 1-6	355
30	Bob Edwards School	III	Grades 7-9	340

The first eight priorities are placements based on priority program needs for the CBE. The remaining projects have been ranked on a priority basis. Key factors that are evaluated to determine priorities are:

- Role of the school and accommodation plans (30% weighting)
- Enrolment, utilization rates, and enrolment projections (25% weighting)
- Site features and location (5% weighting)
- Facility condition (20% weighting)
- Ability to upgrade the facility (20% weighting)
- The top 25 priorities are in the Three-Year School Capital Plan 2014-2017

Maximum points = 500

Community Ranking for New Schools

Community	Points	Rank	Area	Sector	Grade
Panorama Hills ⁽²⁾	145	1	II	4	K-4
Tuscany ⁽²⁾	135	2	II	1	K-4
New Brighton/Copperfield Middle	100	3	V	9	GR5-9
Auburn Bay	95	4	V	9	K-4
McKenzie Towne Middle	95	5	V	9	GR5-9
Evergreen Middle	90	6	V	9	GR5-9
Cranston Middle	90	7	V	9	GR5-9
Springbank Hill	85	8	IV	6	K-4
West Springs/Cougar Ridge Middle	75	9	IV	6	GR5-9
Saddle Ridge ⁽²⁾	75	10	III	5	K-4
Cougar Ridge	70	11	IV	6	K-4
Martindale ⁽²⁾	70	12	III	5	K-4
Country Hills/Harvest Hills**	65	13	II	4	K-4
Silverado	65	14	V	9	K-4
Aspen Woods	65	15	IV	6	K-4
Evanston Middle	65	16	II	4	GR5-9
Bridlewood Middle*	65	17	V	9	GR5-9
Springbank Hill/Discovery Ridge Middle	60	18	IV	6	GR5-9
Signal Hill Middle	55	19	IV	6	GR5-9
Kincora	50	20	II	4	K-4
Skyview Ranch	45	21	III	5	K-4
Harvest Hills/Country Hills**	45	22	II	4	GR5-9
Evergreen ⁽²⁾	45	23	V	9	K-4
Valley Ridge/Crestmont	40	24	I	1	K-4
Sherwood	40	25	I	2	K-4
Mahogany	40	26	V	9	K-4
Aspen Woods Middle	40	27	I	6	GR5-9
Cranston ⁽²⁾	40	28	V	9	K-4
Sage Hill Middle	35	29	II	4	GR5-9
Hamptons	30	30	I	2	K-4
Skyview Ranch Middle	30	31	III	5	GR5-9
Discovery Ridge	25	32	IV	6	K-4
Sage Hill	20	33	II	4	K-4
Nolan Hill	0	n/a	I	2	K-4
Redstone	0	n/a	III	5	K-4
Legacy	0	n/a	V	9	K-4
Walden	0	n/a	V	9	K-4
Sherwood/Nolan Hill Middle	0	n/a	I	2	GR5-9
Legacy Middle	0	n/a	V	9	GR5-9
Walden Middle	0	n/a	V	9	GR5-9

Notes:

- * Accommodation strategy to another community
- ** Combined Country Hills/Harvest Hills into K-9 grade configuration
- ⁽²⁾ Indicates second K-4 school.
- In the case of ties, see description in Section 3.2.
- n/a - schools with 0 points not ranked.
- The top 21 priorities are in the Three-Year School Capital Plan 2014-2017.
Excludes Bridlewood Middle (17) and Harvest Hills/Country Hills Middle (22)

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2014-2017 Ranking for Capital Submission – K-4 Statistics

Community	Community Growth Profile (statistics)			Busing and Travel Time (statistics)	
	2012 Pre-school Census (Public Declared)	Elementary (K-GR4) Enrolment	Annual Population Growth 3-Yr Average	Median Travel Time (minutes)	Greater than one Bus Receiver within two school years
Area I					
Hamptons	159	242	-60	nbr	no
Nolan Hill	0	0	0	nbr	no
Sherwood	112	118	323	33	no
Tuscany ⁽²⁾	790*	587*	247	26	yes
Valley Ridge/Crestmont	272	192	11	22	no
Area II					
Country Hills/Harvest Hills	388	255	4	26	no
Kincora	315	225	497	14	no
Panorama Hills ⁽²⁾	709*	519*	1934	25	yes
Sage Hill	154	82	641	19	no
Area III					
Martindale ⁽²⁾	330*	336*	423	10	yes
Redstone	0	0	0	46	no
Saddle Ridge ⁽²⁾	346*	174*	706	30	yes
Skyview Ranch	172	115	988	28	no
Area IV					
Aspen Woods	293	205	814	17	yes
Cougar Ridge	394	233	116	20	yes
Discovery Ridge	166	194	21	17	no
Springbank Hill	445	323	303	17	yes
Area V					
Auburn Bay	556	290	1242	28	no
Cranston ⁽²⁾	274*	51*	906	nbr	yes
Evergreen ⁽²⁾	465*	80*	654	nbr	no
Legacy	0	0	0	nbr	no
Mahogany	103	51	418	40	no
Silverado	352	168	839	27	no
Walden	39	35	312	37	no

Notes: 1. Preschool Census includes Public Declared Only. (Statistics from the City of Calgary "Number of Pre-School Children").
2. School ⁽²⁾ = the community has a new school constructed or approved and can support a second K-4 school.
3. Annual Population Growth information from The City of Calgary "2012 Civic Census".
4. Median Travel Time – "nbr" no bus receiver for that community.
5. Bus Receivers – community receives points if they have greater than one bus receiver school within two school years. (Busing and Travel Time information as per Transportation Services)

* **Tuscany**⁽²⁾ – deducted 612 (current provincial capacity) from pre-school (1402-612=790) total & K-4 (1199-612=587) total, as it would be their second elementary.
Panorama⁽²⁾ – deducted 603 (current provincial capacity) from pre-school (1312-603=709) total & K-4 (1122-603=519) total, as it would be their second elementary.
Martindale⁽²⁾ – deducted 515 (current provincial capacity) from pre-school (845-515=330) total & K-4 (851-515=336) total, as it would be their second elementary.
Saddle Ridge⁽²⁾ – deducted 550 (current provincial capacity) from pre-school (896-550=346) total & K-4 (724-550=174) total, as it would be their second elementary.
Cranston⁽²⁾ – deducted 550 (current provincial capacity) from pre-school (824-550=274) total & K-4 (601-550=51) total, as it would be their second elementary.
Evergreen⁽²⁾ – deducted 550 (current provincial capacity) from pre-school (1015-550=465) total & K-4 (630-550=80) total, as it would be their second elementary.

2014-2017 Ranking for Capital Submission – K-4

	Community Growth Profile (points)			Busing and Travel Time (points)		
Community	2012 Pre-school Census (Public Declared)	Elementary (K-GR4) Enrolment	Annual Population Growth 3-Yr Average	Median Travel Time	Bus Receivers	Total Points
Area I						
Hamptons	10	20	0	0	0	30
Nolan Hill	0	0	0	0	0	0
Sherwood	10	10	0	20	0	40
Tuscany ⁽²⁾	60	50	0	15	10	135
Valley Ridge/Crestmont	20	10	0	10	0	40
Area II						
Country Hills/Harvest Hills	30	20	0	15	0	65
Kincora	30	20	0	0	0	50
Panorama Hills ⁽²⁾	60	50	10	15	10	145
Sage Hill	10	0	5	5	0	20
Area III						
Martindale ⁽²⁾	30	30	0	0	10	70
Redstone	0	0	0	0	0	0
Saddle Ridge ⁽²⁾	30	10	5	20	10	75
Skyview Ranch	10	10	10	15	0	45
Area IV						
Aspen Woods	20	20	10	5	10	65
Cougar Ridge	30	20	0	10	10	70
Discovery Ridge	10	10	0	5	0	25
Springbank Hill	40	30	0	5	10	85
Area V						
Auburn Bay	50	20	10	15	0	95
Cranston ⁽²⁾	20	0	10	0	10	40
Evergreen ⁽²⁾	40	0	5	0	0	45
Legacy	0	0	0	0	0	0
Mahogany	10	0	0	30	0	40
Silverado	30	10	10	15	0	65
Walden	0	0	0	0	0	0

- Notes:
- 0 points in Community Growth Profile = 0 points in Busing, Safety and Travel Time.
 - Preschool Census includes Public Declared Only. (Statistics from the City of Calgary "Number of Pre-School Children".
 - Communities that have a new school constructed or approved and can only support one K-4 school are not ranked.
 - School ⁽²⁾ = the community has a new school constructed or approved and can support a second K-4 school.
For communities that already have an elementary school, their current actual capacity is deducted from their Pre-School and K-4 enrolments.
 - Bus Receivers – community receives points if they have greater than one bus receiver school within two school years.

2014-2017 Ranking for Capital Submission – Middle/Junior (Grades 5-9) Statistics

Community	Community Growth Profile (statistics)			Accommodation Plan		Busing and Travel Time (Statistics)	
	Elementary (K-GR4) Enrolment	Middle (GR 5-9) Enrolment	Annual Population Growth 3-Yr Average	Existing K-4 School	Greater Than Two Transition Points	Median Travel Time (minutes)	Greater than one Bus Receiver within two school years
Area I							
Sherwood/Nolan Hill	118	137	323	no	no	21	no
Area II							
Harvest Hills/ Country Hills	255	360	4	no	no	29	no
Evanston	315	196	665	yes	no	38	no
Sage Hill	82	46	641	no	no	47	no
Area III							
Skyview Ranch	115	99	988	no	no	30	no
Area IV							
Aspen Woods	205	153	814	no	no	24	no
Signal Hill	414	414	1	yes	no	21	no
Springbank Hill/ Discovery Ridge	517	407	324	no	no	21	no
West Springs/ Cougar Ridge	668	429	641	yes	no	19	no
Area V							
Bridlewood	498	345	282	yes	no	20	no
Cranston	601	364	906	yes	no	25	no
Evergreen	630	580	654	yes	no	24	no
Legacy	0	0	0	no	no	n/a	no
McKenzie Towne	671	394	678	yes	no	35	no
New Brighton/ Copperfield	603	463	1795	yes	no	28	no
Walden	35	40	312	no	no	37	no

- Notes: 1. Annual Population Growth information from The City of Calgary "2012 Civic Census".
2. Bus Receivers – community receives points if they have greater than one bus receiver school within two school years.
(Busing and Travel Time information as per Transportation Services)

2014-2017 Ranking for Capital Submission – Middle/Junior (Grades 5-9)

Community	Community Growth Profile (points)			Accommodation Plan		Busing and Travel Time (points)		Total Points
	Elementary (K-GR4) Enrolment	Middle (GR 5-9) Enrolment	Annual Population Growth 3-Yr Average	Existing K-4 School	Greater Than Two Transition Points	Median Travel Time	Bus Receivers	
Area I								
Sherwood/Nolan Hill	0	0	0	0	0	0	0	0
Area II								
Harvest Hills/ Country Hills	10	20	0	0	0	15	0	45
Evanston	20	10	5	5	0	25	0	65
Sage Hill	0	0	5	0	0	30	0	35
Area III								
Skyview Ranch	0	0	10	0	0	20	0	30
Area IV								
Aspen Woods	10	10	10	0	0	10	0	40
Signal Hill	20	20	0	5	0	10	0	55
Springbank Hill/ Discovery Ridge	30	20	0	0	0	10	0	60
West Springs/ Cougar Ridge	40	20	5	5	0	5	0	75
Area V								
Bridlewood	30	20	0	5	0	10	0	65
Cranston	40	20	10	5	0	15	0	90
Evergreen	40	30	5	5	0	10	0	90
Legacy	0	0	0	0	0	0	0	0
McKenzie Towne	40	20	5	5	0	25	0	95
New Brighton/ Copperfield	40	30	10	5	0	15	0	100
Walden	0	0	0	0	0	0	0	0

- Notes: 1. 0 points in Community Growth Profile = 0 points in Busing, Safety and Travel Time.
2. Bus Receivers – community receives points if they have greater than one bus receiver school within two school years.

CBE Point Assignments

Kindergarten - Grade 4, September 30, 2012	
Preschool Census (Age 1-5) (Public Declared)	
100-199	10 points
200-299	20 points
300-399	30 points
400-499	40 points
500-599	50 points
≥600	60 points
Current K-GR4 Enrolment (September 30, 2012)	
100-199	10 points
200-299	20 points
300-399	30 points
400-499	40 points
500-599	50 points
≥600	60 points
Annual Population Growth Three-Year Average of Community	
600-799	5 points
≥800	10 points
Median Travel Time to Bus Receiver	
15-19 minutes	5 points
20-24 minutes	10 points
25-29 minutes	15 points
30-34 minutes	20 points
35-39 minutes	25 points
≥40 minutes	30 points
Bus Receiver - Elementary	
Greater than one bus receiver school required within two school years (no phase-outs)	10 points

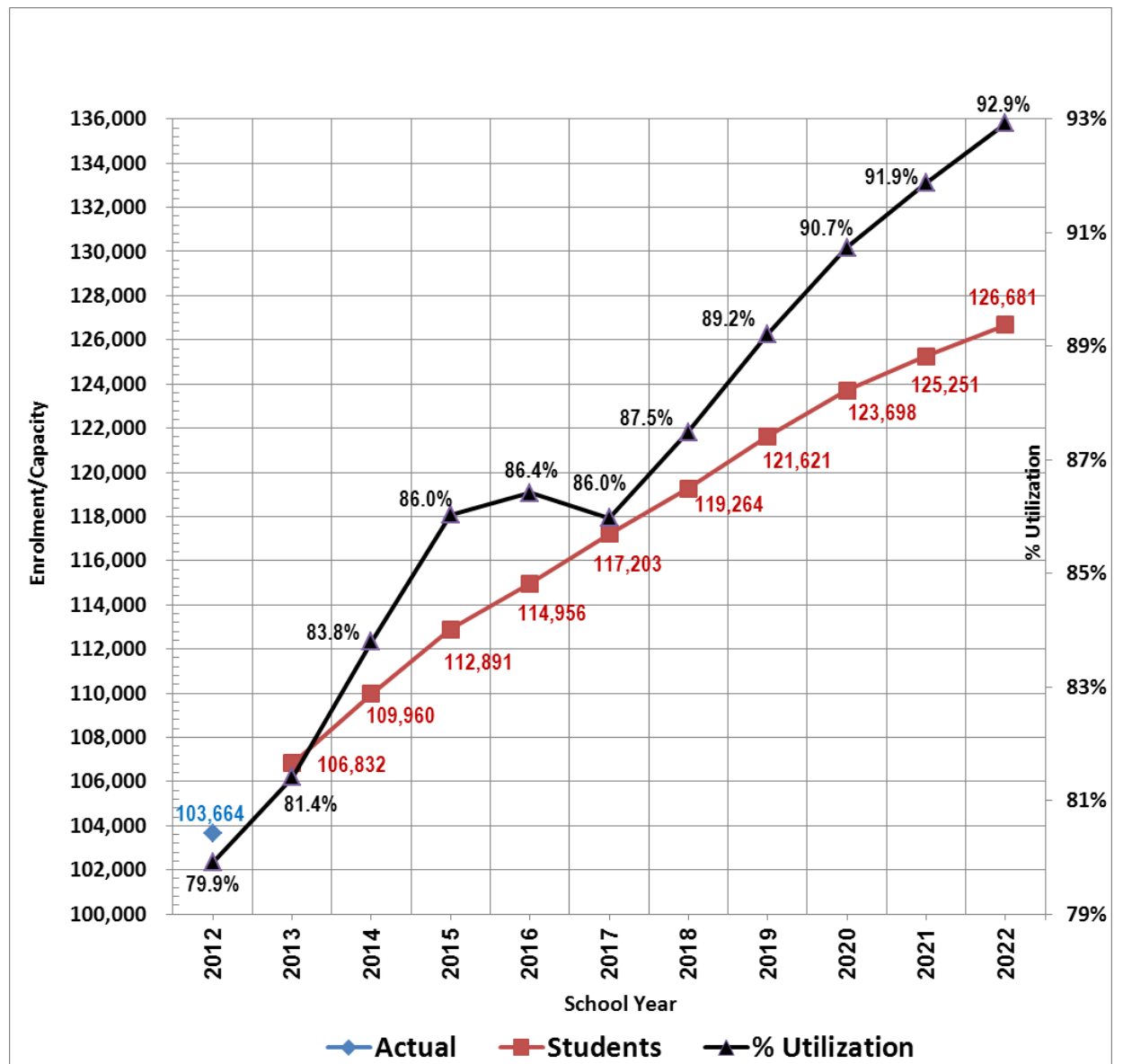
CBE Point Assignments

Middle (Grade 5-9), September 30, 2012	
Elementary (K-GR4) Enrolment	
150-299	10 points
300-449	20 points
450-599	30 points
600-749	40 points
750-899	50 points
≥900	60 points
Current GR5-9 Enrolment (September 30, 2012)	
150-299	10 points
300-449	20 points
450-599	30 points
600-749	40 points
750-899	50 points
≥900	60 points
Existing K-4 School	5 points
Greater Than Two Transition Points	5 points
Annual Population Growth Three-Year Average of Community	
600-799	5 points
≥800	10 points
Median Travel Time to Bus Receiver	
15-19 minutes	5 points
20-24 minutes	10 points
25-29 minutes	15 points
30-34 minutes	20 points
35-39 minutes	25 points
≥40 minutes	30 points
Bus Receiver - Middle	
Greater than one bus receiver school required	10 points
within two school years (no phase-outs)	

CBE SYSTEM UTILIZATION – (2012 – 2022)

NO NEW SCHOOL ANNOUNCEMENTS

Year	New Capacity	CBE Capacity	Students	% Utilization
2012		129,724	103,664	79.9%
2013	1,500	131,224	106,832	81.4%
2014		131,224	109,960	83.8%
2015		131,224	112,891	86.0%
2016	1,800	133,024	114,956	86.4%
2017	3,300	136,324	117,203	86.0%
2018	-	136,324	119,264	87.5%
2019	-	136,324	121,621	89.2%
2020	-	136,324	123,698	90.7%
2021	-	136,324	125,251	91.9%
2022	-	136,324	126,681	92.9%



CBE SYSTEM UTILIZATION – (2012 – 2022)

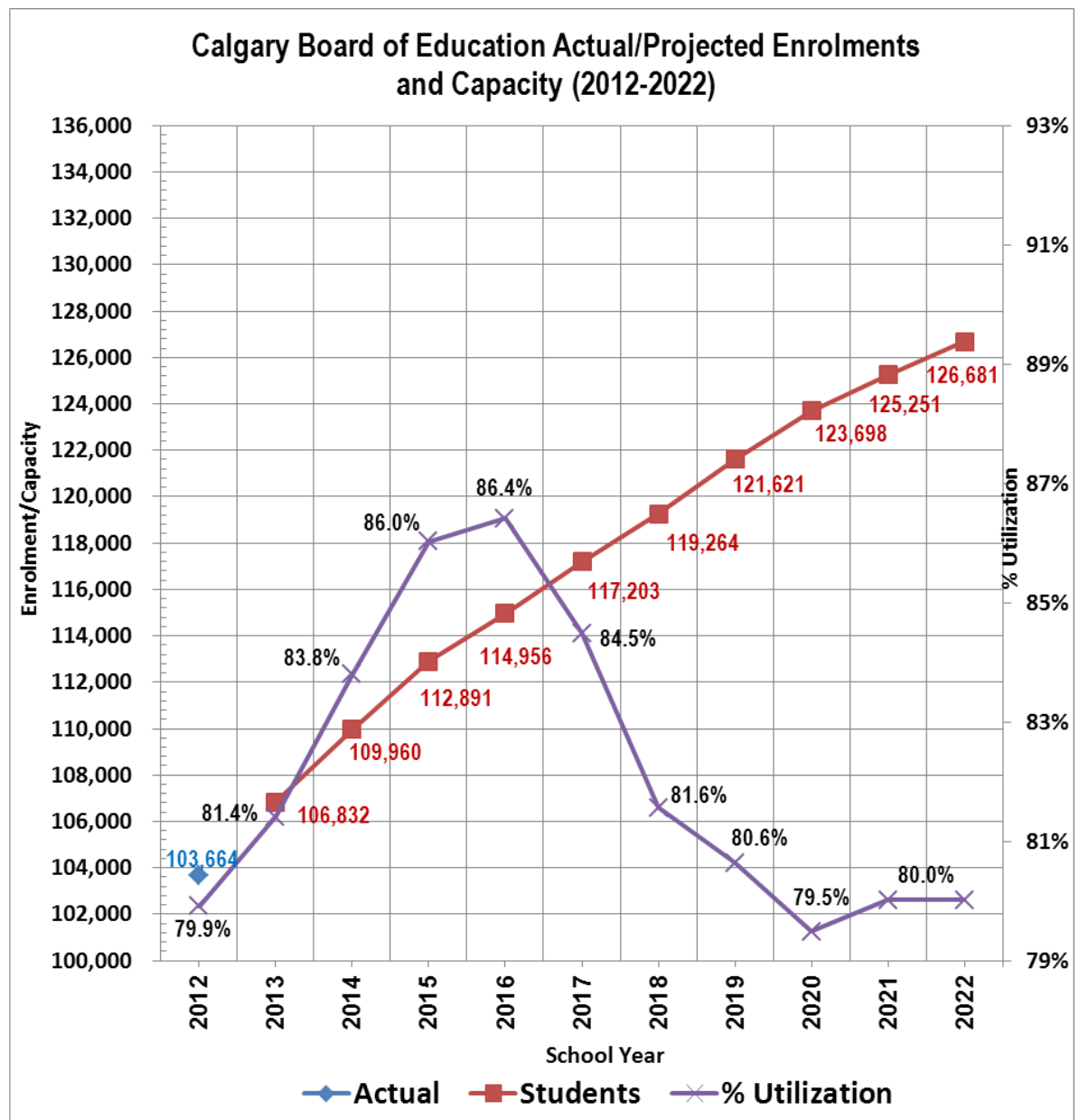
BEST CASE SCENARIO – 25 NEW SCHOOLS

Assumptions: 1) New schools approved in the following years:

- 2013 - 6 announcements
- Year 1 (2014) - 11 approvals
- Year 2 (2015) - 7 approvals
- Year 3 (2016) - 7 approvals
- 2017 - 2 approvals
- 2018 - 2 approvals

2) School completion times

- 3 years - Elementary (P3 process, design, construction, commissioning)
- 4 years - Middle (P3 process, design, construction, commissioning)
- 4 years - Senior High (P3 process, design, construction, commissioning)



Glossary of Terms and Definitions

CBE Definitions

Additions/Expansions:	Changes the gross area of building
CTS:	Career and Technology Studies
Modernization:	Supports modernization of a building
Provincial Capacity:	Gross square metres of a school divided by the area per student as per Alberta Education/Alberta Infrastructure's School Capital Manual Look-Up Table
RECAPP:	Renewal Capital Asset Planning Process
School Community	Attendance Area Boundary

CBE Formulas

Utilization Rate	= $\frac{\text{Weighted enrolment [K@FTE + enrolment + (Special Ed. } \times 3)]}{\text{Provincial capacity (student spaces)}}$
Weighted Enrolment	= (Total Kindergarten divided by 2 [K@FTE]) + Grades 1-12 enrolment + (Special Education at 3:1)

Alberta Education/Alberta Infrastructure School Capital Manual Definitions

Area Capacity and Utilization Report	A report from Infrastructure that provides total capacity and utilization rates for a jurisdiction and its school facilities.
Barrier-Free	The <i>Alberta Building Code</i> defines the requirements to ensure that a school facility can accommodate people with special needs.
Capacity	The capacity of a new school and the method by which it is established as approved by Infrastructure. Records of capacity for all Alberta schools are maintained by Infrastructure and reflect the capacity established at the time of construction, minus any exclusions or exemptions subsequently approved by Infrastructure.
Capital Funding	Funding provided to school jurisdictions for school building projects in accordance with Education's approved budget schedule.
Code Requirements	The minimum requirements for construction defined by the <i>Alberta Building Code</i> and those standards referenced in the <i>Code</i> .
Core School	A school building that is constructed with a permanent core and can be expanded or contracted by the addition or removal of modular classrooms.
Facilities Plan	A general or broad plan for facilities and facility development within a school jurisdiction.

Facility Evaluation	Assessment of facility characteristics, which includes site, architectural and engineering components, maintenance planning, safety, space adequacy and environment protection, to determine the ability of the building to accommodate current and future needs.
Full-time Equivalent Occupancy	Is used as a measurement of space utilization. Enrolment is calculated on the number of student spaces occupied throughout the school day. Part time student use is expressed in terms of full-time equivalent students (FTEs).
Furniture & Equipment	Includes basic furnishings such as desks, seating, storage cabinets, tables and fixtures that are normally provided under a contract separate from the general construction contract.
Infrastructure Maintenance and Renewal (IMR) program	Provides funding to (a) replace building and site components which have failed and pose health and safety problems for students and staff, (b) extend the useful life of school facilities and sites and (c) maintain the quality of the school environment.
Instructional Area	Those areas of a school building that are designated for purposes of instruction, examinations and other student activities where direct or indirect student-teacher interaction is maintained or scheduled. Also included are storage areas considered directly related to various instructional areas (i.e. gym storage, drama storage and science preparation areas).
Inventory of Space	A listing of a school jurisdiction's owned or leased facilities, which include facility area and usage.
Life Cycle Costing	Process that examines all costs associated with a facility project for the extent of its lifetime.
Modernization Project	The restoration of an entire or a portion of a school facility to improve its functional adequacy and suitability for present and future educational programs.
Modular Classroom	Prototypical portable classroom units built at a central location and transported to schools across Alberta. These units are based on specifications that ensure significantly improved heating and ventilation, soundproofing, resistance to mould, ease of serviceability and several other factors that differentiate them from the older portables that are also part of schools across the province. The Government of Alberta's goal is to eventually replace all the older portables with the prototypical Modular Classrooms.
New Capacity	In the event that a new construction project adjusts the capacity rating, a new capacity will be incorporated to reconcile the school jurisdiction's total capacity one year after the date of Ministerial approval of the tender or alternate to tender scheme of construction.
Right-Sizing	Reduction in capacity of an existing school to provide a more efficient use of the facility due to declining enrolments.
School Building Project	Means (i) the purchase, erection, relocation, renovation, furnishing or equipping of, (ii) making of structural changes in, (iii) the addition to or extension of a school building, or (iv) the building of access roads or site preparation for a school building.

Site Development	Provision of utility services, access, location of buildings, playfields and landscaping.
Utilization Ratio	The ratio determined by dividing a jurisdiction's total FTE student enrolment by its net capacity.